WA 2917 5¢ 1/10/1991

January 10, 1991



OFFICIAL REPORT

Boiler Explosion - November 23, 1990

Pacific Northern Oil - Port of Seattle, Pier 91

City of Seattle, Washington



submitted by D.W. Gentry, Chief Boiler Inspector City of Seattle, Department of Construction & Land Use, Boiler Inspection Section RECEIVED FEB 2 1 1991 At approximately 1420 on Friday, November 23, 1990, a steam boiler explosion occurred at Pacific Northern Oil, 2001 West Garfield Street, on the Port of Seattle's Pier 91. There was one fatality.

Boiler Data

The boiler is a 1951 Gabriel two-pass scotch marine dryback boiler, six feet in diameter and approximately twelve feet in length. The manufacturers serial number is 732, National Board number 566 with a maximum allowable working pressure of 100 psi. The adamson type furnace consists of two - 66 inch courses, three feet in diameter and joined in the center by a riveted flange. Both furnace-to-tube sheet joints are welded joints. Two - 2 inch safety valve and one - 5 inch steam outlet nozzles are provided. There are 122 two-inch tubes. Tube sheet reinforcement is provided by doubler plates.

The boiler was equipped with an operating pressure control, a high pressure control with manual reset and a third pressure control for firing rate control. The boiler was equipped with two safety valves. One safety valve was properly labeled/stamped while the label was missing from the second valve. The labeled valve was set to lift at 100 psi and was satisfactorily tested on December 4, 1990, by an authorized safety valve testing and repair facility. The unlabeled valve was damaged to the extent that testing was not possible. Neither safety valve was properly sealed. All three pressure controls were also damaged and not testable.

The manufacturers advertised dry weight of the boiler (without burner) is 17,000 pounds. The approximate water volume and water weight during normal operation are 1200 gallons and 10,000 pounds respectively (calculated assuming the boiler was 85 percent full).

The boiler is skid mounted (fitted with two welded saddles which were bolted to a pair of parallel skids).

The boiler had not been previously used in the City of Seattle.

The City of Seattle was not aware of this installation.

Burner Data

According the boiler owner, Bosler Energy Systems, the boiler was equipped with a Ray burner, Type PCPF, Size 6 with an input capability of 6.7 to 8.4 million BTU's per hour. The burner, while attached to the subject boiler, had been test fired at the Bosler shop prior to delivery.

Background and Prior Events

The boiler, a rental unit owned by Bosler Energy Systems of Woodinville, Washington, was delivered a few days prior to the accident. The boiler was to be used by Pacific Northern Oil on a temporary basis while their own boiler was down for maintenance and inspection. Among their activities, Pacific Northern Oil transfers and stores heavy oil. Boiler steam is used to heat the heavy oil to facilitate oil transfer. The rental boiler was to allow Pacific Northern Oil to continue their process while their permanent boiler was down. The boiler was located outdoors, near Building 24, and the burner end was partially protected by a plywood partial enclosure.

During the morning of November 23, 1990, Craig Scott Bosler (of Bosler Energy Systems) arrived at Pacific Northern Oil to complete the installation of the boiler. David W. Rowland, a supervisor for Pacific Northern Oil, reportedly observed Mr. Bosler as early as 0945 (Mr. Bosler's gate pass indicates an arrival time of 1031). The boiler had not been operated (on site) up to this time as the two rental fuel oil tanks were filled (per Rowland) from Pacific Northern Oil's reserves on this day. The boiler was reportedly slated to go into operation the following Monday. Pacific Northern Oil's permanent boiler, a 150 psi scotch boiler, was in operation on this day up to, and including, the time of the explosion.

After his 0945 observation, Mr. Rowland observed Mr. Bosler at work several times and between 1100 and 1200 was advised by Mr. Bosler that he was to start the rental boiler and shut down the Pacific Northern Oil boiler provided that the rental boiler was working well and running properly. Sometime later, Mr. Rowland assisted Mr. Bosler in moving some hoses (including, but not limited to, the two steam hoses between the boiler and Pacific Northern Oil's outdoor steam header). At least some hoses were attached to a fence than runs east-west on the east side of the boiler. Mr. Rowland stated that the hoses were not warm or hot. Mr. Rowland believed Mr. Bosler to be in good demeanor, not tired and saw no evidence of intoxication or medication.

At the time of the accident, Rowland was on top of Pacific Northern Oil's storage tank #102 (approximately 150 feet from the rental boiler) when he was struck by unknown objects and, out of the corner of his eye, he saw, then heard a loud explosion. The force of the explosion knocked Rowland off the tank's gauge hatch and on to the top of the tank. He described the explosion as a singular boom rather than a sharp crack, with no abnormal noise preceding the explosion.

Mr. Rowland stated that he was down from tank top in only one minute and ran to where the rental boiler should have been and looked for Mr. Bosler. Rowland met Nathan E. Mathews of Chemical (CHEMPRO) Processors, Inc. as Mr. Mathews also came running to the scene. Acting on Mathews advice, Rowland called 911 to report the explosion and then began checking the area for damage. Mathews went into the "electrical shack" and secured power to the Pacific Northern Oil boiler and began searching the area again. Rowland also secured the Pacific Northern Oil main boiler by shutting the steam outlet to stop the flow of steam from a steam header valve that was broken during the explosion. This steam flow was outside, near the rental boiler original location, and was inhibiting verbal communication and adding to the general confusion.

Failure

At approximately 1420, the parent metal of the furnace tube ruptured adjacent to the furnace-to-rear tube sheet joint. The failure is at the bottom of the furnace tube and extends circumferentially in both directions along the welded joint and, later, out into the parent metal of the furnace, away from the joint. The boiler was under steaming conditions but the actual pressure at the time of failure is not known.

The front (burner) end of the boiler was originally facing north. The rear door of the boiler was blown off. The boiler, propelled by expanding steam, moved rapidly to the north at, or near, the ground. The ground was wet from rain and there was a thin oil film in the general area of the original boiler location reducing friction between the boiler and ground. Mr. Bosler was positioned in front of the leading end of the boiler, was struck and died instantly, and was carried with the boiler until the boiler came into contact with two of four concrete filled steel posts that surrounded, and were intended to protect, a fire hydrant. Following this contact, the victim was separated from the boiler and came to rest on the pavement approximately 690 feet from the original boiler location (off to the right of the boilers path). One of two safety valves was found next to, and against, the victim.

The boiler continued straight ahead and struck two new imported motor vehicles, completely destroying one. The second vehicle was badly damaged and was propelled by contact with the boiler several hundred feet at approximately 45 degrees to the left of the boilers path. Boiler contact with the ground appears to have increased here having lost some energy upon contact with the two vehicles. From approximately the midpoint of full travel to three fourths of full travel, most of the debris was found including controls, the second safety valve, refractory material, sheet metal jacket material, piping, burner components and controls, low water cutoffs, the oil pump, the main steam outlet piping and other materials and components damaged beyond identification. Distances of major components from the original boiler location are shown on an attachment to this report.

Near the end of travel, the boiler appears to have come in continuous contact with the ground and rolled off to the right of the main path, ultimately coming to rest 1109 feet from the original location. The boiler came to rest in position nearly opposite the original position such that if horizontal (parallel to the ground) rotation was in the clockwise direction, the boiler would have rotated approximately 150 degrees. This is stated only to describe the final position of the boiler and not to rule out several possible horizontal (and other) rotations. The cylindrical portion of the rear smokebox was found adjacent to the boiler.

Skid marks and gouges in the blacktop surface along the path of travel indicate that boiler movement, other than it's northerly travel, was limited to a mixture of horizontal and axial rotation. This is based on a comparison between the lack of deep gouges (only one major gouge was found) in the relatively soft pavement material and the approximate nine ton weight (at this point of travel) of the boiler.

The boiler traveled through a very large parking lot used to temporarily store motor vehicles imported from overseas. The major destructive path of the boiler was narrow in that only one adjacent row of vehicles suffered significant damage from heavy objects and/or debris (several other cars suffered lesser damage from flying debris).

The original thickness of the furnace was 7/16 inch. The furnace has suffered significant thinning in the area of the failure with some ultrasonic thickness readings in the area at 1/8 inch and less. The pattern of thinning is unusual in that the thinned area is quite smooth, proportional and is on the <u>fireside</u> of the furnace. When viewed from the rear end of the boiler, the thinning begins at approximately four o'clock and, moving clockwise, the furnace thickness decreases at a constant rate, with distance, until approximately six o'clock where, continuing clockwise, the furnace thickness begins to increase and reaches full thickness at approximately the eight o'clock position. In the past, the furnace suffered circumferential cracking at, or near, the rear tube sheet. One circumferential weld repair appears to be of standard quality while a second shorter weld appears to be of questionable quality (apparently a "surface only pass" to "cover" a crack).

Conclusions

Cause

At this time, the cause of the failure is attributed to the thinning of the furnace metal in the area of the failure. The thinned material likely ruptured at a pressure below 100 psi (calculations based on ultrasonic thickness readings indicated a maximum pressure of as low as 27 psi per current ASME code requirements; copies of the 1952 ASME requirements have been applied for).

[Since the first draft of this report, copies of the applicable sections of the 1952 Boiler and Pressure Vessel Code have been obtained. Calculations made per 1952 requirements return a negative value (less than zero MAWP), minimum allowed furnace thickness at that time being 5/16 inch]

Possible contributing cause

A new crack, existing crack or partially (improperly) repaired crack may have existed and/or continued to propagate at the point of failure.

Other possibilities ruled out

Over-pressurization was considered as there was a potential for cross connection with the permanently installed 150 psi boiler. The valves required for cross connection were however, checked shut immediately after the incident. During the investigation, valve position (on the steam header) was verified shut. The second valve, still connected to a steam hose that was torn away, was found partially open but had travelled across the ground during which the valve hand wheel was destroyed. The partial opening could have easily occurred at that time.

The safety valves were not properly sealed however, one of the two valves, as reported above, was satisfactorily tested. The second valve was damaged too badly to test.

In addition, the victim was in the process of finishing the installation, was almost constantly around the boiler and was a licensed steam engineer. Based on this, an over-pressure condition was unlikely.

Low water failure was considered and dismissed as there is no readily apparent evidence of local overheating of the furnace, the boiler was under nearly constant attendance by a licensed person, steam was not being drawn off the boiler, there were no reports of escaping steam prior to the explosion, the furnace failed from the bottom and the amount of force involved in this explosion, resulting in a tremendous "steam rocket" effect, would, by our estimation, require a significantly larger quantity of water than that which would be present in an extreme low water condition.

Follow Up

The boiler is one of four identical (sister) boilers that were obtained by Bosler Energy four or more years ago (exact date not established). The boilers were built by Gabriel for the U.S. Army Corps of Engineers and were operated at the U.S. Army's Firing Range in Yakinia, (eastern) Washington until a time shortly before Bosler ownership. Two of these boilers remain on Bosler property and will be maintained there until this investigation has been completed and will then be scrapped.

Inspection of one of these two remaining boilers revealed a pattern of thinning nearly identical to, and somewhat more evident than, that found in the failed boiler. This sister boiler, like the failed boiler, has two longitudinal seams in each furnace course with the rear course having these seams at the bottom and the front course having the seams at the top. It is not known if two longitudinal seams was standard practice for Gabriel at the time of manufacture. Additionally, one should note that the two welds differ in apparent quality and, possibly, welding process. One seam, based on appearance the better of the two, may have existed prior to rolling. This weld is currently recessed from an erosion rate greater than that of the surrounding parent metal. The second weld still has visible excess (reinforcement) material. With the above in mind, we began to track down the fourth "sister" and other similar Gabriel boilers.

The fourth Bosler boiler had been sold to a processing company in Alaska who was quickly advised by Bosler Energy of the failure of it's sister boiler. The writer has also advised the Chief Mechanical (boiler) Inspector of the State of Alaska who has advised us that the Alaskan boiler is down and open for inspection.

Further investigation revealed a second group of four boilers from the Army's Firing Range that were salvaged by a different company. These boilers have been accounted for; only one is currently in operation and the insurance

company inspectors for this boiler have been advised by the State of Washington (the boiler is under State jurisdiction) and appropriate inspections will be made.

Continued investigation turned up a third and final set of four boilers. All four are in State of Washington jurisdiction and have been accounted for.

We have searched our database for any Gabriel scotch boilers currently on record. Inspections of some of these boilers have been made and others will continue to be made. Based on inspections to date, the unusual pattern of thinning appears to be unique to those boilers obtained from the Yakima Firing Center. Further information in this area, if important to this investigation, will be included in a supplementary report.

We have outstanding letters requesting additional historical information from the Yakima Firing Range for our records.

We have outstanding requests for information on past inspections at the Firing Center from Hartford Steam Boiler as the Firing Center reported that Hartford made inspections on a six month interval.

We are currently in the process of arranging for metallurgical examination of the failed area of the boiler. Results of this work will be documented in a supplementary report. We hope that this examination will shed some light on the cause of the unusual thinning found in the boiler as this remains a mystery.

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Key Personnel

Chief Investigator

D.W. Gentry, Chief Boiler Inspector, City of Seattle, Washington

Staff Investigators

Giovanni Ranieri
Carl Edelman
George Folta
James McClinton

City of Seattle Boiler Inspector

Coordinated Technical Investigations

Richard Barkdoll, Chief Boiler Inspector, State of Washington

Coordinated Investigations

Detective Sergeant Jerry Alexander, Port of Seattle Police

Other Investigating Agencies

Glenn Harvey, Safety Inspector, State of Washington, Labor & Industries, Safety & Health

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Attachments

1 - Manufacturers Data Report2 - Boiler Fireman License, Craig S. Bosler3 - Gabriel Boiler General Information

& Borcen Sue Drumes No One Diam	la
Dien Tollength	
SA-285 (For such Drum, state. Steel Manufacturer's Brand; Mauerial Specification Number; Thickness)	
(For each Drum, state. Steel Manufacturer's Brand; Material Specification Number; Thickness) 7. (a) Language of the Company o	*****
(h) Rivers	Ŗ
(a) True Succe SA-285, 1/24 Reinforcement 1 full dblre 1/24 Rivers (Brand, Mat. Spec. No.; Thickness of Strape) No. Rows; Mat. Spec. No.; Hole Diam.	
(h) Tune Holes 2m17 32 Pitch 31 X 32 m 60 deg. Est of Tube Ligament (Compared to shell	plets)
GIRTH JOINTS	
10. HEAM. (Brand; Material Specification No.; Thickness-Flat, Dished, Ellipsoidal-Radius of Dish-State Heither hand has manhole)	•••••
11. Better Tubes: No. 122-SA-192-Stght Diam. 218 Longth 1110 Gage 12. (Mat. Spec. No Straight or Beat) (If various, give maximum and minimum lengths) (or the	
12. HEADERS: No	
13. MUB DROM	
14. (a) WAYERWALLS: Headers, No	
(b) Tube Holes	
15. (a) SUPERHEATER: Headers, No	
(b) Tube Holes	toess)
Stays or Braces Spec No. Type No. Sume Weldless Net Area L/1 to Shall Stayed	Max. S.W.P.
16. FULL DBLR. STAYS NOT REQUIRED	
(d) R. H. below tubes	

17. STAYBOLTS	
18. (a) Dose: Diam	ell di 8,.D
(b) Opening in shell	•••••
19. (a) FURNACE: No. ODB Size 35-1/8" Length, each Section 66 is. Total 132 in. Types	
SL-285 7/164 (b) Seams: Type fusion seelded butt Location story (from his (Seam) (Seam)	
20. OPERINOS: (a) Steam ONS 5H & NOZZIB (b) Safety Valve (NA Exercise of Series) (c) Blowoff ONE 15th Steam Constituted Bote of Nozzia Toucista (d) Feed two 15th O. Series of Constitute of Onders) (c) Manholesi No. (Nongre, Type, and Location of Onders) (d) Feed two 15th O. Series of Constitute of Onders) (No. Size, Type, and Location of Constitute of Onders) (no. Size, Type, and Location of Onders) (no. Size, Type, and Location of Constitute of Onders) (no. Size, Type, and Location of Constitute of Onders) (no. Size, Type, and Location of Constitute of Onders) (no. Size, Type, and Location of Constitute of Onders)	E of Oak
(c) Blowoff (No., Size, Type, and Location of Outlets) (No., Size, Type, and Location of Conference	sections.
(1) Handholes: No. 4. Size 32 x 42 Location 2. in shell 2 in head.	
21. Fusione Pluc (If Used) One 3/4" & RH code Boiler Supports: No., 120, 5, teel saddles, welded	•••••
22. Fusion Walding Complies With Paragraphs: P-101-115 and P-268	
(Indicate Washest Part)	
34. Hermonetatic Test: (a)	

MANUFACTURERS' DATA REPOST-ALL TYPES OF BOILERS As Required by the Previsions of the A. S. M. E. Code Bules and National Beard

E- 1172

Manufactured by Gabrial Fabrication & Erection Comment of Program of Section of Secti
Manufactured forVA. Se. ATRY. COADS. Of Engineers, Seattle, Washington.
Type Snatch Boiler No. 132 (State and State Ma) Note Sweet He. Year Built.
The chemical and physical properties of all parts meet the requirements of material specifications of the ASME Boiler Code. The design, constru
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and workmannip conform to ASME Rules, Section
entire boiler (Name of Part-Item mumber, monufacturer's name, and identifying stary)
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We certify the statement in this data report to be correct. We certify the statement in this data report to be correct. Signed Cabriel Fabrication & Erection of Grant Cabriel Fabrication & Erection of Grant Cabriel Fabrication of Cabriel Fabriel Fabrication of Cabriel Fabriel Fabr
Cartificate of A-therise land Harrise Dec. 31 g
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CERTIFICATE OF BOILER SHOP INSPECTION National Board Intersection Serial Number. See Survival Serial Number. Boiler Works of Gabriel Fabrication & Erection Cq. Portland, Cregen. I, the undersigned, inspector of steam boilers employed by. Direau of Labor. Oregon have inspected the boiler referred to as data items. and certify that the material, construction, and yorkmarshingare in accordance with SME Boiler Code Rules. DATE St. 19. Like Market Commissions M. B. 17.3. Sign or Nail. Boord and No.
CERTIFICATE OF FIELD ASSEMBLY INSPECTION
I, the understance, inspector of seesm boilers employed by
of
Of the same of the
the completed boiler and certify that parts referred to as data itoms
not included in certificate of shop inspection, are in accordance with the requirements of the
ASME Boiler Code. The completed boiler was inspected and subjected to a hydrostatic test of
DATE
· G. · · · · ·

ISSUE DATE: EXPIRES: 09/30/91 CUSTOMER NUMBER 0079058 000

092590 LICENSETYPE: ENGINEER, BOILER FIREMAN 4

BUSINESS ADDRESS 16003 MARKET ST SNOHOMISH WA 98290

MAILING ADDRESS SNOHOMISH WA 98290

15 LIMITATION NONE

: 1117

CONTROL NUMBER

106010

1191

7177

Our boilers are manufactured in Portland, Oregon, and prompt deliveries are possible.

Gabriel Scotch Marine Boilers are all furnished with standard boiler trim including: Safety Valve, Steam Pressure Gage, Syphon Tube, 3 Try Cocks, Water Glass Set, Water Column and one Blowdown Valve, and injector piped for assembly.

Gabriel Scotch Marine Boilers are certified and guaranteed in material and workmanship for a

period of one year from date of purchase with Standard Manufacturer's Guarantee.

Full automatic equipment is supplied at extra cost.

Gabriel Scotch Marine Boilers are truly "Reserve Power" Boilers of highest quality obtainable. Scotch Marine Boilers can be easily cleaned internally by removing handhole plates. This keeps the efficiency of any type boiler at a maximum.

GABRIEL SCOTCH BOILERS

THRIFTY PROVEN DESIGN



BOILER NUMBER	8-2	5-10	\$-15	\$-20	8-25	5-32	\$-40	5-50	S-40	8-80	\$-100	5-120
Horsepower, Oll, Gas, Stoker	71/2	121/2	20	25	30	40	50	621/2	75	100	125	150
Rating- B.T.U. Par Hour-1000's	250	416	666	832	999	1332	1665	2081	2497	3330	4162	4995
Rating— Steam Radiation—Sq. Ft.	1040	1740	2780	3480	4160	5660	6950	8700	10,400	13,900	17,300	- 20,800
Heating Surface— ABME—\$q. Ft.	60	100	155	200	248	337	400	500	600	800	1000	1200
Diameter of Shell, O.D.—Inches	42	44	44	48	52	58	58	66	66	72	79	79
Length of Boller	6'0"	6'6"	9'0"	9'6"	10.0"	10'6"	10'8"	11'0"	15'0"	15'3"	15'6"	17'6"
Height of Boiler	4'6"	5'2"	5'2"	5'6"	5'10"	6'4"	6'4"	7′0′′	7.0"	7'6"	8'1"	8'1"
Width of Boller with Standard Trim	4'2"	4'8"	4'8"	5'0"	5'4"	5'10"	5'10"	6'6"	6'6"	7'0"	77"	7'7"
Length of Tubes-	44	48	72	77	82	84	86	90	131	132	133	160
Diameter of Tubes-	21/2	21/2	21/2	21/2	21/2	21/2	21/2	3	3	3	3	3
Diameter of Furnace-	22	24	24	26	28	30	30	32	32	36	36	36
Size of Smoke Outlet-	6x18	8×22	8×22	9×36	9x36	10x36	10×36	10x36	12x36	15x40	15x58	16×60
Size of Steam Outlet-	2	2	2	2	21/2	21/2	3	3	4	5	6	6
Size of Blow-off Opening-Inches	1	11/4	11/4	11/4	11/4	11/4	2	2	2	2	2	2
Size of Feed Opening-	1	11/4	11/4	11/4	11/4	11/4	11/4	11/2	11/2	11/2	11/2	11/2
Diameter of Stack for Oll Firing-Inches	12	14	16	18	18	20	20	22	24	28	30	32
Height of Stack for Oil Firing—feet	25	25	25	30	35	40	45	60	60	60	65	65
Water Content to Normal Water Line gallons	150	168	295	295	326	496	503	595	920	1200	1330	1800
Insulated Area Regulred—square fact	50	60	85	112	125	132	135	160	213	254	290	308
Weight of Boller-	3600	4800	6000	7000	7600	8500	9200	10,500	12,000	14,000	17,000	21,000

Installation diagrams and operation manual for standard assembly available with boilers.

All bollers furnished with standard trim.

Boilers designed and built for 100 lbs., 125 lbs. and 150 lbs. working pressure.

Boilers can be constructed to special design and size.

Factory insulation optional at small additional cost.

Bollers can be built with steam domes if desired, at a slight extra cost.

Efficient, rugged, portable, quick steaming, reserve capacity.

The Manufacturer reserves the right to change specifications which we consider an improvement from an engineering or manufacturing standpoint.

Attachment 3

On 11-23-90 the Champro Prio Has facility implemental the Contingency Plan. (See Attached) An Atwood Paget Sound Plant Division Manager, Peter Dester, Champros Serior Compliance Officer and Bob Schmidt, Chempros Nealth & Saftey Manager of were notified.

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There was I fatality; the Coleanum from Bosla Energy Systems who was betting up the law for Pacific Northern Oil lo-There was No Samoze to treatment or Storage tank.

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On November 23,1990, Nathan Mathews, Chempro Pier 91 Facility Manager was at the facility to catch up on some work. This day was a company holiday so no other Chempro employees were at the facility. Pacific Northern Oil, a sub lessor of the facility had people working at the facility on that day. An employee from Bosler Energy Systems was also presant at the facility. The Bosler employee was working on installing a rental boiler which had been contracted for by Pacific Northern Oil. The rental boiler was being set up to the east of the Chempro truck unloading area, just outside the Chempro property line and on Terminal 91 property.

At approx. 2:15 pm, Nathan had finished his project and got in his car to go home. When he arrived at the security guard station at the entrance to Terminal 91, the security guard told him there had been an explosion in the vicinity of the Chempro facility.

Nathan returned to the facility and found that the boiler rented from Bosler Energy Systems by Pacific Northern Oil had exploded and was no longer in its location. Nathan instructed a Pacific Northern Oil employee to call 911 while he searched for the boiler operator and boiler. The boiler was located some 300 yards north of the position it had originally been in. It was immediately apparant that the boiler operator had died instantly.

Nathan assessed the damage and determined there was no threat of release from any Chempro processes to the environment. He noted that a fuel tank used to supply diesel fuel to the rental boiler located outside Chempro property had ruptured and there was diesel oil on the ground. The ground on the entire Terminal 91 complex is paved, and the only avenue for release of the diesel to the environment is via storm drains which go to the Metro system.

Nathan contacted Chempro EC contact people including the Division Manager, Regulatory Affairs emergency—on—call personnel and Health and Safety on—call personnel. The determination was made that since the boiler was not Chempro owned, leased, or operated equipment and was not located on Chempro property, and because Chempro equipment posed no threat to human health or release to the environment, that the incident did not call for implementation of the Chempro Emergency Response Plan. However, because Chempro posseses the expetise and equipment to deal with emergency situations, it was decided that Chempro personnel and equipment would be donated to assist Pacific Northern Oil, the Seattle Fire Dept. and the Port of Seattle Police in responding to the situation.

Chempro personnel notified Metro of the potential of oil in their system, and Chempro personnel and equipment contained and cleaned up the oil spill. Chempro personnel also assisted in searching for the remains of the boiler operator and recovering parts of the boiler as well as preserving the scene for investigators.

Because the incident did not involve Chempro equipment nor was there a threat to human health or the environment directly or indirectly resulting form Chempro equipment or personnel, it was determined that the incident did not constitute the implementation of the emergency contingency plan.

And Mark DIVISION MER

Attachment 4

Attachment 7

3 Page No. 28 02/19/91 WASTE RECEIPTS PIER 91 GAL BS&W %SOL GALLONS pH PCB's Cr Phenoi WASTE OIL GAL WASTE WASTE TYPE STA TUS RECEIPT GENERATOR MANIFEST HAULER TANK TANK OIL WASTE CODE 111 2500 0.0 0.0 G 5.0 .F. .F. .F. ULW100 NON HAZARDOUS WASTEWATER 08/28/90 34646 12 12 .F. .F. 0 20.0 1.0 0 0.0 .F. L08000 ULW100 NON HAZARDOUS WASTEWATER NH N 2400 08/28/90 34647 L08000 0 60.0 2.6 0 0.0 .F. .F. .F. P07500 ULW100 NON HAZARDOUS WASTEWATER 4500 08/28/90 34648 P07500 107 0 0.0 .F. .F. .F. MLO100 MIXED OIL BSW 0% TO 12% NH N 2000 1.0 0.4 08/28/30 34649 9 9 110 ULW105 OIL IN HOH BSW > 35% THERM CHEM TREAT NH N 200 0.0 0.0 0 5.0 .F. .F. .F. L08000 08/28/90 34650 107 8500 1.5 1.5 0 0.0 .F. .E. .F. ML0100 MIXED OIL BSW 0% TO 12% NH N F15000 08/29/90 34651 F16000 0.0 0 9.0 .F. .ī. .F. 105 ULW200 BORON WASTEWATER - NON HAZARDOUS 5000 0.0 08/29/90 34652 V04000 107 3 6.6 .F. . F. . F. ML0100 MIXED OIL BSW 0% TO 12% 0.2 9 08/29/90 34653 1700 0.6 0.2 . F. . . F. 112 08/29/90 34654 3 MLO100 MIXED OIL BSW 0% TO 12% 6 1.0 .F. 110 400 .5. ,5. 08/29/30 34655 L08000 L03000 ULW100 NON HAZARDOUS WASTEWATER 112 0.0 .F. .F. .F. 9 ML0100 MIXED OIL BSW 0% TO 12% 1.3 1.2 08/30/30 34656 3 1500 6 8.0 .F. .ī. .F. A09000 ELEIGO EMULSIFIED OIL-MACHINE COOLANT FNON 0.0 0.5 08/30/30 34657 409000 03314 HAZARDOUS) 0 8.0 .F. .I. .I. ELETT: NON-REGULATED (WATER, DIL. COOLANT) 1600 0.0 0.0 42704 ô 08/30/30 34658 B08060 PORTLND | E-21 .07 1975 0.0 0.8 0.0 .F. ,F, ,F, MIG100 MIXED OIL BBW G% TO 12% 08/30/90 34659 9 3 107 2450 0.0 .F. ,F. .F. 0.6 3 MIXED OIL BSW 0% TO 12% 08/30/90 34660 109 10587 0.0 0.0 5 6.0 .F. .F. .F. ULW100 NON HAZARDOUS WASTEWATER 08/30/90 34661 P07500 P07500 0 7.0 .F. .F. .F. 110 2500 0.0 0.0 ULW100 NON HAZARDOUS WASTEWATER NH IS 08/31/90 34662 P07500 P07500 112 0 0.0 .F. .F. .F. 9 ML0100 MIXED OIL BSW 0% TO 12% 2000 12.0 0.4 08/31/90 34663 9 107 2100 0.3 0.8 0 0.0 .F. .F. .F. 08/31/90 34564 9 9 MLO100 MIXED OIL BSW 0% TO 12% NH N 107 .F. .F. F05650 ML0100 MIXED OIL BSW 0% TO 12% 100 0.2 0 0.0 .F. 08/31/90 34665 F05650 5000 0 3.0 .F. .F. .F. A2792 ULW012 NON-REGULATED (WATER, OIL . SCAP) 0.0 0.0 08/31/30 34666 B08050 6 (E-1) 107 2100 0.2 0.2 0 0.0 .F. .F. .F. MIXED OIL BSW 0% TO 12% 9 08/31/90 34667 9 1850 0 7.0 .F. .F. .F. DW 0.0 0.0 A2763 ELE110 NON-REGULATED (WATER, OIL, COOLANT) 6 08/31/90 34668 B08040 (E-1)

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02/13/31																		
								WASTE F	RECEIPTS 1 91									
DATE	RECEIPT	GENERATOR	MANIFEST	HAULER	WASTE CODE	WASTE TYPE	STA	TUS	GAL WASTE	GAL	BS&W	%50L	GALLONS	pH PCB's	Cr	Pheno!	WASTE TANK	OIL TANK
08/31/90	34663	A09000		A03000	UL¥105	OIL IN HOH ESW 0 85% THERM CHEM TREAT	NH	N	1900	0	0.0	0.0	0	8.0 .F.	.F.	.F.	В	
08/31/90	34670	9		9	ML0100	MIXED OIL BSW OR TO 12%	NH	N	0	1350	1.8	0.4	0	0.0 .F.	.F.	.F.		107
09/04/90	34671	g		3	ML0100	MIXED DIL BSW OR TO 12%	NH	N	0	1820	0.2	0.2	0	0.0 .F.	,F.	.F.		107
09/04/90	34572	9		9	40100	MIXED OIL BSW GR TO 12%	NH	N	0	2600	2.2	0.6	0	0.0 .F.	.F.	.F.		107
09/04/90	34673	808060	A2777	6	ELE171	NON-REGULATED (WATER, OIL, COOLANT) PORTLNO (E-2)	DW		5000	0	0.0	0.0	0	5.0 .F.	Æ.	Л.	110	
09/04/90	34674	1	17388	5	EL¥104	WATER W/PHENOL - NON-PCRA WASTE LIQUID	DW		5000	0	0.0	0.0	0	T.0 .F.	.۶.	.F.	М	
09/04/90	34675	9		9	M10100	MIXED OIL BEW ON TO 12%	NH	N	0	1850	2.2	0.6	9	0.0.5.	٠,٤,	.F.		112
09/04/90	34676	9		3	ML0100	VI/ES DIL ES* IN TO 12%	NH	N	Ş	2500	0.4	ô.4	0	0.0 .F.	.F.	.F.		112
09/04/90	34677	P07500		P07500	UL#100	NON HACARDOUS WASTEWATER	NH	N	11164	٥	0.0	0.0	ů	7.0 .5.	.F.	,¢.	105	
09/04/90	34678	704000		V04000	UL#200	BORON WASTEWATER - NON HACARGOUS	NH	N	5000	0	0.0	0.0	\$	3.0 .5,	.7.	,F.	110/105	
09/05/90	34579	P23060		ŧ	470:00	MIYED CIL BS# D# TD *2#	NH	'n	:	5000	1.2	1.2	÷	0.0 .=.	,F.	,F,		107
09/05/90	34630	}		ł	4.0100	MINES SIL BEW CN TO 18%	ii:	'n		1775	0.8	0.3	0	5.5 .F.	.۴.	, ē.		107
09/05/90	34551	3		}	M_0:00	MINES CIL BEA CA TO 124	SH.	X	0	1500	6.0	6.0	5	0.0 .F.	.÷.	.F.		112
09/05/30	34682	P23000		÷	RF0:00	MIXED DIL BSW DA TO HEA	ŃН	N	0	5000	0.1	0.4	0	0.0 .F.	.F.	.F.		112
09/05/90	34683	3		3	MLG110	CIL/WATER BSW 13% TO 30%	NH	N	0	2000	16.0	0.2	0	0.0 .F.	.F.	.F.		112
09/05/30	34664	E11000		Ê	ELEIDO	EMULSIFIED OIL-MACHINE COOLANT (MON HAZARDOUS)	NH	N	300	0	0.0	0.0	0	9.0 .F.	,ř,	.F.	8	
09/05/30	34685	9		3	ML0100	MIXED OIL BSW G% TO 12%	NH	N	0	2400	0.4	0.4	0	0.0 .F.	.F.	.F.		107
09/05/90 :	34686	B08050	A2862	5	ELE110	NON-REGULATED (WATER.OIL.COOLANT) (E-1)	DW		3000	0	0.0	0.0	0	8.0 .F.	.F.	.т.	J	
09/06/90	34687	806050	A2870	č	SE¥012	NON-REGULATED (WATER,OIL.SONP) (E-1)	DW		3200	0	0.0	0.0	0	6.0 .F.	.F.	.F.	H/L	
09/06/90 3	4668	9		9	¥10100	MIRED OIL BSW 0% TO 12%	NH	N	0	1600	1.8	0.4	0	0.0 .F.	.F.	,F.		107
09/06/90 3	4689	109000		A09000	ELE100	EMULSIFIED OIL-MACHINE COOLANT (NON HAZAPBOUS)	NH	N	2400	0	0.0	0.0	0	8.0 .F.	.F.	.F.	Å	
09/06/90 3	14690	308060	A2881	6	ELE171	NON-REGULATED (WATER, OIL, COOLANT) PORTLND (E-2)	DW		5000	0	0.0	0.0	0	5.0 .F.	.F.	т.	L	

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Page No 02/19/1								TCLE DI	ECEIPTS											
02/13/							•	PIER												
DATE	RECEIPT	GENERATOR	MANIFEST	HAULER	WASTE	WASTE TYPE	STA	TUS	GAL WASTE	GAL	BS&W	%SOL	GALLONS	S	pH PCB's	Cr	Phenol	WASTE TANK	OIL	
09/06/	90 34691	B08040	A2879	6	ELE110	NON-REGULATED (WATER, CIL, COOLANT) (E-1)	DW		2000	0	0.0	0.0		0	9.0 .F.	.F.	.F.	М		
09/06	90 34692	9		9	ML0110	OIL/WATER BSW 13% TO 30%	ΝΉ	S	0	2000	16.0	0.2		9	0.0 .F.	,ŕ.	.F.		112	
		9		9	ML0100	MIXED OIL BSW ON TO 12%	ŊΗ	N	0	2000	12.0	0.4		0	0.0 .F.	,F.	.F.		112	
	90 34694	F16000		F16000	ML0100	MIXED OIL BSW 6% TO 12%	NH	Ŋ	- 0	8400	4.0	0.8		0	9.0 .F.	.f.	.F.		197	
	90 34695	5		5	ULW100	NON HAZARDOUS WASTEWATER	NH	K	1533	0	0.0	0.0		Û	G.G .F.	.F.	.F.	103		
	/90 34596	9		3	ME0100	MIXED OIL BSW ON TO 12%	%F	Ÿ	G	1566	1.0	0.2			0.0 ,F.		.F.		197	
	/90 34697	808045	A 2884	ô	J_W012	NON-REGULATED (#4TER.OIL.SCAP)	Ĉ.		4600	0	9.0	0.6		0	5,0 .F.	.F.	,F.	'n		
00/0	/90 34698	3		3	ML0100	MIXED DIL BEW OR TO 12%	NH	ħ	5	2500	0.6	0.6		Ç	1.0 .F.	,ř.	a Esc		167	
	/90 34699			9	ME0100	MIXED OIL BSW GR TO 12%	ħH.	N	0	2000	0.2	0.2		(=	1.1 .5.	.5.	.۶.		114	
	/30 34700	R07450		ĉ	ELE100	EMULSIFIED DIL-MACHINE COOLANT (NON- HAZARDOUS)	ħH.	1;	5000	0	0.0	9.0		0	3.€ .º.	٠.۶.	.F.	3		
00/0	7/90 34701	9		9	MT0100	MIXED OIL BSW ON TO 18%	100	Ŋ	:	1375	30.0	1.0		S	1.6.3.	,ř,	, F.		112	
	7/90 34702			3	M10100	MIXED OIL BSW C% TO 18%	1,5	8	Û	2300	1.2	1,4		Ü	€.€ .F.	, F	, ,F,		114	
	7/90 34703			Ž	6E#100	NON HAZARDOUS WASTEWATER	1/2	1	533	0	0.0	1,1		Ũ	9.8 .8.		3.	108		
	8/90 34704			2	ULW100	NON HAZARDOUS WASTEWATER	Ni	1 16	2397	0	0.0	0.0		0	\$.1 .F.		F.	:08		
	9/90 34705			2	ULW100	NON HAZARDOUS WASTEWATER	N	K - K	1135	Ç	0.0			Ü			f.	105		
	9/90 34706				ULW100	NON HAZARDOUS WASTEWATER	Ni	H N	3274	0				0	1,(.5.		, ,F,	111		
09/	0/90 34707	P24300			ELE100	EMULSIFIED OIL-MACHINE COOLANT (NON HAZARDOUS)	N	H N	150		6.0	Ģ.	0	Ü	5.0 .F.		, ₁ F.			
09/	10/90 34708	808000	A2934	ô	ML0010) NON-RCRA WASTE LIQUID (MINERAL OIL) (F-1)	0	*	0	5000	6.0	0.	C	C	0.0 .F.		f.		112	
09/	10/90 3470	9 9		9	MLOTO	MIXED OIL BSW 0% TO 12%	Ñ	H N	0	195	1.0	1.	0	Ç			F.		197	
	10/90 3471			9	ELE10	O EMULSIFIED OIL-MACHINE COOLANT (NON	1,	iH N	5000		0.0	0.	0	Ç	9.0 .F.			A/E		

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DATE RECEI	T GENERATOR	MANIFEST	HAULER	WASTE CODE	WASTE TYPE	STA	TUS	GAL WASTE	GAL	BS3W	%SOL	GALLONS	pH PCB's	Cr	Pheno1	WASTE TANK	OIL
09/10/90 34712	F16000		W03650	ME0100	MIXED DIL BSW 0% TO 12%	NH	fi	0	7900	3.0	0.8	5	0.0 .F.	.F.	.F.		114
09/10/90 34713	3		ā	ML0100	MIXED OIL BSW DX TO 12%	NH	N	0	2000	0.2	0.2	0	0.0 .F.	٠£.	.F.		107
09/10/90 34714	1	17412	5	ELE172	NON RORA LIQUID WASTE (PHENOLIC WATER)	0.4		4400	Ç	0.0	0.0	0	5.0 .F.	٠.٠	.Ι.	110	
09/10/30 34715	808060	42882	Ē	ELE171	NON-REGULATED (WATER, OIL, COOLANT) PORTLND (E-2)	DW		5000	0	0.0	0.0	0	5.0 .F.	.۶.	.Τ.	110	
09/10/90 34716	FC5650		F05650	MF0166	MIXED OIL BEW OF TO 12%	NH	N	0	100	0.4	9.4	9	0.0 .F.	.F.	.F.		107
09/10/90 34717	5		2	UEW 100	NON HAZARDOUS WASTEWATER	NH	N	3395	0	0.0	0.0	0	7.5 .F.	.F.	.F.	109	
09/11/90 34718	V04000			JUM 200	BORON WASTEWATER - NON HAZARDOUS	NH	N	5000	0	0.0	0.0	5	9.0 .F.	.F.	.۶.	109	
09/11/90 34719	?		3	M_0103	MIKES OIL BEW ON TO 12%	NH	N	0	1900	6.0	0.2	0	0.0 .F.	.F.	, F.		114
09,11/30 34720	<u> </u>		?	4.0100	MIXED OIL BSW ON TO 12%	NH	N,	Ō	1300	3.5	0.2	0	0.0 .F.	.F.	۴.		107
09/11/30 34721	5		2	ULW100	NON HAZARDOUS WASTEWATER	88	N	4845	Ū.	0.0	0.0	0	a.o .F.	.۴.	.F.	109	
09/11/90 34723	F16000		F15000	V_ 0188	MIXED OIL BS# OX TO 12%	NB	7.	•	3350	6.0	0.4	Û	6.0 .F.	.۶.	.F.		114
09/11/96 34733	?		:	V_0100	MIXED DIL BSW D% TO 13%	NH	N	5	2050	1.0	1.0	0	0.0 .F.	.۶.	.F.		107
09/11/98/3472	903080	42949	÷	ELANCT	MON-ROPA (WIP.OIL.SOAP.GREASE-CONTAMINATED E-1	Da.		5000	0	0.0	0.0	0	8.0 .F.	.F.	.F.	L	
09/11/90 3472	3		3	410100	MIXED OIL BSW CX TO 12%	ħН	ħ	C	1850	1.2	0.2	0	0.0 .F.	.F.	.F.		107
09/11/90 3472			2	ULW100	NON HAZARDOUS WASTEWATER	NH	N	602	0	0.0	0.0	0	8.0 .F.	.F.	.F.	105	
09/12/90 3472	ĝ		9	¥10100	MIXED OIL BSW O% TO 12%	NH	N	0	1900	4.0	1.0	0	0.0 .F.	.۴.	.F.		114
09/12/90 3472	A09000		A03000	ML0100	MIXED OIL BSW 0% TO 12%	NH	N	0	700	6.0	0.8	0	0.0 .F.	.F.	.F.		114
09/12/90 3472	9		3	ML0110	GIL/WATER BSW 13% TO 30%	NH	N	0	1950	16.0	0.2	0	0.0 .F.	.F.	.F.		112
09/12/90 3473) 3		9	ML0100	MIXED OIL BSW 0% TO 12%	NH	N	0	2500	1.0	0.8	0	0.0 .F.	.F.	.F.		107
09/12/90 3473	808060	42950	ô	ELETTI	NON-REGULATED (WATER.OIL.COOLANT) PORTLND (E-2)	DW		5000	0	0.0	0.0	0	5.0 .F.	.F.	.F.	110	
09/12/90 3473	2 5		2	ULW100	NON HAZARDOUS WASTEWATER	ŃН	N	1100	0	0.0	0.0	0	a.o .F.	.F.	.F.	105	
09/13/30 3473	3 F16000		F16000	ML0100	MIXED OIL BSW 0% TO 12%	NH	N	0	8300	4.0	1.0	0	0.0 .F.	.F.	.F.		107
09/13/90 3473	4 A09000		A09000	ELE100	EMULSIFIED OIL-MACHINE COOLANT (NON HAZARDOUS)	NH	N	1700	0	0.0	0.0	0	8.0 .F.	.F.	.F.	В	

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						,	PIER PIER	ECEIPTS 31									
DATE RECEIPT	GENERATOR	MANIFEST	HAULER	WASTE CODE	WASTE TYPE	STA	TUS	GAL WASTE	GAL OIL	851¥	¥30L	GALLONS	pH PCB's	Cr	Phenol	WASTE TANK	OIL TANK
09/13/90 34735	3		9	ML0100	MIXED OIL BSW O% TO 12%	NH	N	0	2000	0.4	0.4	0	0.0 .F.	.F.	.F.		107
09/13/90 34736	R07450		8	ELE100	EMULSIFIED OIL-MACHINE COOLANT (NON HAZARDOUS)	NH	N	0	4400	0.0	0.0	0	8.G .F.	.F.	.F.		3
09/13/90 34737	9		9	ML0100	MIXED OIL BSW 0% TO 12%	NH	N	Û	2450	1.4	0.6	0	0.0 .F.	.₽.	.F.		107
09/13/90 34738	B08045	A2961	6	ULW013	NON-REGULATED WASTE (WATER.OIL) (F-2)	DW		5000	Û	0.0	0.0	0	6.0 .F.	.F.	.F.	111	
09/13/90 34739	}		3	ML0100	MIXED OIL BSW ON TO 12%	NH	N	Û	2000	0.2	0.2	ē	0.0 .F.	.F.	.F.		107
09/13/90 34740	12		12	ULW105	OIL IN HOH BSW / 85% THERM CHEM TREAT	NH	N	2002	ć	0.0	0.0	0	7.0 .F.	.F.	.F.	111	
09/13/30 34741	:		3	WF0:00	MIXED OIL BSW ON TO 12%	NH.	N	6	1900	1.3	0.2	Ĭ.	0.0 .F.	٠.٠	.F.		107
09/13/90 34742	308050	A2971	ĉ	ELETTO	NON-REGULATED (WATER.OIL.COOLANT) (E-1)	Э×		3800	9	0.0	0.0	9	\$.0 .F.	.1.	.1.	W	
09/13/90 34743	3		3	ML0100	MIXED OIL BSW GN TO 12%	NR	ч		2306	1.3	0.0	:	0.0 .F.	.F.	,¥,		107
09/14/90 34744	9		3	ML0180	MIXED OIL BOW ON TO 12% .	NH	N	0	1500	0.4	1.4	5	0.0 .5.	۴.	.F.		163
09/14/90 34745	9		9	ML0100	MIXED OIL BSW GX TO 12%	i.F	N	0	2050	1.0	1.5	ţ	0.0 .F.	.۶.	JF.		107
09/14/90 34746	F 16000		F18000	ML0100	MIXED DIL BSW D% TO 13%	84	N	£	4600	1.0	0.1	2	0.0 .F.	,÷.	.5.		107
09/14/90 34747	9		9	MF0100	MIXED OIL BSW OR TO 12%	N/H	ħ	0	1950	8.0	6.3	;	0.0 .F.	,÷.	.E.		114
09/14/90 34748	108000		F09000	ULW100	NON HAZARDOUS WASTEWATER	NH	8	4400	0	0.0	0.0	C	9.0 .F.	٠,۶,	.F.	103	
09/14/90 34749	808040	A2994	5	ELE110	NON-REGULATED (WATER, OIL. COOLANT) (E-1)	DW		1300	0	0.0	0.0	0	3.0 .°.	.۶,	,ŧ.	110	
09/14/90 34750	9		3	ML0100	MIXED OIL BSW 0% TO 12%	NH	ħ.	0	1500	0.2	0.2	9	0.0 .F.	.F.	.F.		107
09/14/90 34751	B08060	A2968	6	ELE171	NON-REGULATED (WATER,OIL.COOLANT) PORTLND (E-2)	DW		5000	0	0.0	0.0	Ç	6.0 .F.	Ι.	.1.	110	
09/14/90 34752	12		12	ULW105	OIL IN HOH BSW > 85% THERM CHEM TREAT	NH	'n	796	ē	0.0	0.0		0.0 .F.	.F.	,F,	103	
09/15/90 34753	12		12	ULW105	OIL IN HOH BSW : 85% THERM CHEM TREAT	NH	4	1952	0	0.0	0.0	0	0.0 .F.	,F,	, F.	105	
09/15/90 34754	12		12	ULW105	OIL IN HOH BSW > 85% THERM CHEM TREAT	NH	N	598	0	0.0	0.0	ű	7.0 .F.	,F.	.F.	105	
09/16/90 34755	12		12	ULW105	OIL IN HOH BSW > 85% THERM CHEM TREAT	NH	N	1750	٥	0.0	0.0	0	7.0 .F.	, F.	.F.	105	
09/16/90 34756	808010	A2957	6	ULW019	NON-REGULATED WASTE (WATER, OIL) (F-2)	DW		4800	0	0.0	0.0	0	7.0 .F.	.F.	.F.	105	

Page No. 33 02/19/91 WASTE RECEIPTS PIER 91 GAL BS&W %SOL GALLONS OH PCB's Cr Phenol WASTE OIL STA TUS GAL WASTE WASTE TYPE DATE RECEIPT GENERATOR MANIFEST HAULER TANK OIL WASTE 105 .F. .F. 0 7.0 .F. 0.0 0.0 ULW019 NON-REGULATED WASTE (WATER, OIL) 3800 A2958 09/16/90 34757 B03088 (F-2) 105 0 5.0 .F. .F. .F. 2400 0.0 0.0 NH N ULW1GO NON HAZARDOUS WASTEWATER L08000 09/17/90 34758 L08000 107 0 0.0 .F. .F. .F. 5142 1.0 0.2 0 MLO100 MIXED OIL BSW 0% TO 12% NH N 09/17/90 34759 I10020 J03400 .F. .F. 0.0 0 7.0 .F. 5000 0.0 ULW012 NON-REGULATED (WATER, OIL, SOAP) 09/17/90 34760 808050 A2999 6 (E-1) 107 0 0.0 .F. .F. .F. 0 0.8 0.2 1950 MLO100 MIXED OIL BSW 0% TO 12% NH N 3 09/17/90 34761 9 .F. .F. 0 5.0 .F. 0.0 2000 0.0 EMULSIFIED OIL-MACHINE COOLANT (NON A03000 ELE100 09/17/90 34762 409000 HAZARDOUS I L/H/164 0 8.0 .F. .F. .T. 5000 0.0 0.0 ELE17! NON-REGULATED (WATER, OIL, COOLANT) 09/17/90 34783 B08060 42993 5 PORTLNS (E-2) 164 0 5.0 .F. .F. .T. 5000 0.0 0.0 ELW104 WATER W/PHENOL - NON-RCRA WASTE LIQUID DW 03/17/90 34764 1 17441 1 107 .F. .F. 1825 3.0 0.2 0.0 .F. ML0100 MIXED OIL BSW 0% TO 12% NH N 3 (2 17/96 34755 3 167 0.2 0.0.F. .F. .F. 1950 3.0 NH N ML0100 MIXED OIL BSW C% TO 12% 3 09/17/90/34788 3 112 0 0.0 .F. .F. .F. 3300 1,2 0.2 NH N F16000 MLC100 MIXED OIL BSW 0% TO 12% 09 18/90 34767 F16000 0 5.0 .F. .F. .F. 0.0 0.0 600 ELETOO EMULSIFIED OIL-MACHINE COOLANT (NON 409000 09/19/96 34783 409006 HAZARDOUS) 107 0 0.0 .F. .F. .F. 2.4 0.2 ML0100 MIXED OIL BSW 0% TO 12% NE N 3 09/18/90 34769 3 112 1800 6.0 0.2 0 0.0 .F. .F. .F. MLG100 MIXED OIL BSW 0% TO 12% 3 03/18/90 34770 9 111 .I. .F. 5000 0.0 0.0 0 3.0 .F. ULW200 BORON WASTEWATER - NON HAZARDOUS NH N ĉ 09/18/90 34771 704000 112 0 0.0 .F. .F. .F. 2.0 500 2.0 MLO100 MIXED OIL BSW 0% TO 12% A09000 09/15/90 34772 A03000 112 .F. .F. 2500 1.0 0.4 0 0.0 .F. MLO100 MIXED OIL BSW 0% TO 12% 3 09/18/90 34773 9 0.0 0 8.0 .F. .T. .F. 1250 0.0 ELE110 NON-REGULATED (WATER, OIL, COOLANT) DW 5 A3018 09/18/90 34774 808040 (E-1)0.6 0 0.0 .F. .F. .F. 2100 30.0 0 MLO100 MIXED OIL BSW 0% TO 12% NH N 9 09/19/90 34775 9 .F. .F. 109 0 5.0 .F. 0.0 1300 0.0 ULW100 NON HAZARDOUS WASTEWATER L08000 09/19/90 34776 L08000 107 0 0.0 .F. .F. .F. 1.6 0.2 1700 MLO100 MIXED OIL BSW 0% TO 12% 09/19/30 34777 9 .F. .F. 0 11.8 .F. 0.0 2500

HAZARDOUS WASTE LIQUID (WATER, OIL)

ALKALINE (B)

A3012

09/19/90 34778 808070

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Page No.	34																	
02/19/91							*	ASTE R	ECEIPTS 31									
DATE	RECEIPT	GENERATOR	MANIFEST	HAULER	WASTE CODE	WASTE TYPE	STA	TUS	GAL *ASTE	GAL OIL	831W	₹SOL	GALLONS	pH PCB's	Cr	Pheno!	WASTE TANK	OIL TANK
09/19/90	34779	2		9	ML0100	MIXED OIL BSW 9% TO 13%	53	¥	0	2000	5.0	0.4	C	0.0 .F.	.F.	,F.		107
09/19/90	34780	9		9	ML0100	MIXED OIL BSW ON TO 12%	Nit	N	0	2500	1.4	1.4	0	0.0 .F.	.F.	.ř.		197
09/20/90	34781	3		9	ML0100	MIXED DIL BSW D% TO 12%	NH	H	0	2450	1.2	0.4	0	0.0 .F.	,۶,	,ř.		107
09/20/90	34782	3		3	ML0100	MIXED OIL BSW 9% TO 12%	14	N	0	2000	7.0	0.2	0	0.0 .F.	.F.	.F.		197
09/20/30	34783	808045	43013	5	ULW020	NON-REGULATED WASTE (WATER.OLL) (E-1)	OW		5000	0	0.0	0.5	0	T.O .F.	.F.	.F.	154	
09/20/90	34784	808640	A3038	5	ELE110	NON-REGULATED (WATER.OIL.COOLANT) (E-1)	94		1200	0	0.0		Ş	3.0 .5.	٠, ۶.	.۶.	164	
09/25/9	0 34785	3		3	ML0100	MIXED OIL BOW ON TO 12%	ħН	N	2	2400	0.2	1.2	:	(.Ç .F.	. ē .	.Ž.		197
09/25/9	0 34786	390808	A3007	ŧ	ELE171	NON-REGULATED (WATER.OIL.COCLANT - PORTLNO (5-2)	ĐW		4700	0	0.0	*	•	B.C., F.	٠,5,	.ī.	Х	
09/20/9	0 34737	:		3	AF0100	MIXED DIL BSW DN TO 128	1/18	N	ē	1950	0.4	0.4	Ş	0.0 .5.	.۶.	.F.		107
09,20/9	0 34788	1		?	ML0110	CIL/WATER BSW 15% TC 3C%	NH.	Ñ	1700	300	20.0	0.4	ę	1.0 .5.	.۶.	.F.	105	112
09/20/9	0 34789	3		3	400100	MIXED DIL BS# GN TO 12%	NΡ	Ą	ŷ	2500	0.2	0.2	0	0.1 .5.	, ? ,	.F.		107
03/21/9	0 34790	403666		A09000	ULW100	NON HAZARDOUS WASTERATER	MR	N	15	0	0.0	0.0	6	7,5 ,5,	, : .	.F.	105	
09/21/9	0 34791	V04000		V04000	ML0130	MIXED OIL BS# ON TO 12%	MH	N	¢	4600	8.0	0.4	į.	0.0 .F.	.۶.	.₹.		107
09/21/9	0 34792	F16000		F16000	ML0100	MIXED OIL BSW O% TO 12%	NH	N	:	8400	2.0	5.6	0	0.0 .F.	.F,	٠,5,		107
09/21/3	0 34793	F10500		F10500	ULW100	NON HAZARDOUS WASTEWATER	ин	N	2400	6	0.0	0.0	ũ	7.0 .F.	.F.	.F.	105	
09/21/9	0 34794	F15500		F15500	UL#100	NON HAZARDOUS WASTEMATER	48	N	2300	0	9.0	0.0	0	5.0 .F.	.F.	.F.	105	
09/21/9	90 34795	908050	A3057	õ	ELE110	NON-REGULATED (WATER, OIL, COOLANT (E-1)	CA		3800	0	0.0	0.0	0	9.0 .F.	.1.	.I.	164	
09/21/5	90 34795	A05000		A05000	UL#100	NON HAZARDOUS WASTEWATER	SH	N	2500	0	0.0	0.0	C	5.0 .F.	.۶.	.F.	111	
09/21/9	90 34797	3		9	ML0100	MIXED OIL BS# O# TO 12#	NH	N	Q	1950	4,[0.2	Ĉ.	0.0 .F.	, F.,	.F.		107
09/21/	90 34798	F10500		F10500	UL#100	NON HAZARDOUS WASTEWATER	ŊĤ	r_i	2000	ŷ.	0.5	0.0	0	5.0	.F.	.F.	111	
09/21/	90 34799	9		9	ML0100	MIXED OIL BSW 0% TO 12%	NH	N,	ō	2300	€.6	0.6	0	0.0 .F.	, F .	.F.		107
09/21/	90 34800	808050	A3056	6	ULW012	NON-REGULATED (#ATER.OIL.SOAP) (E-1)	Ę'n		5000	0	0.0	0.0	Ü	9.0 .F.	.۶.	.F.	164	

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Page No. 35 02/19/91 WASTE RECEIPTS PIER 91 GAL BSSW %SOL GALLONS DH PCB'S Cr Phenol WASTE TYPE STA TUS GAL WASTE DATE RECEIPT GENERATOR MANIFEST HAULER WASTE OIL CODE 0 0.0 .F. .F. .F. NH N 2000 5.0 0.2 ML0100 MIXED OIL BSW 0% TO 12% 3 09/21/90 34801 3 0 9.0 .T. .T. .F. 5000 0.0 0.0 ULW200 BORON WASTEWATER - NON HAZARDOUS NH N 0 09/21/90 34802 V04000 .F. .F. 8400 0.3 0.8 0.0 .F. NH N MLC100 MIXED OIL BSW 0% TO 12% 09/21/90 34803 F16000 F16000 .F. .F. 0.2 0 0.5 .F. 100 0.2 4H N F05650 ML0100 MIXED OIL BSW 0% TO 12% F05650 09/21/90 34804 0.0 0 5.0 .F. .F. .F. 5000 0.0 ELE100 EMULSIFIED OIL-MACHINE COOLANT (NON K02500 09/24/90 34305 HAZARDOUS) 0 5.0 .F. .F. .F. ELEIDO EMULSIFIED OIL-MACHINE COOLANT (NON 3000 0.0 0.0 ô 09/24/90 34806 K02500 HAZARDOUS) 1 0.0 0 8.0 .F. ULW100 NON HAZARGOUS WASTEWATER 09/24/90 34807 F10500 F10800 ELETTI NON-REGULATED (WATER, OIL, COOLANT) 5000 0.0 0.0 0 8.9 .F. ,ī. .ī. DW 5 09/24/90 34808 808060 A3008 PORTLNO (E-2) 0.0 0 0,0 .F. , F. , F. 2550 4.0 MUDICO MIXED OIL BSW 0% TO 12% 09/24/90 34609 9 9 , F. . . F. 0.0 0 8.0 .F. ELETCO EMULSIFIED DIL-MACHINE COOLANT (NON A05000 HAZARDOUS: 5000 0 0.0 0.0 5 8.0 .5. ,F. .T. ELWICE WATER W/PHENOL - NON-RORA WASTE LIQUID DW 09/24/90 04911 1 17453 ć ULWISS OIL IN HOH BSW 85% THERM CHEM TREAT 0.0 0.0 0 1.0 .F. , F. , F. ĉ 03/24/90 34812 W15000 0 0.0 .F. .F. .F. 1950 5.0 0.4 ML0100 MIXED OIL BSW 0% TO 12% NH N 3 09/24/90 34813 3 .5, .5, 0.2 0.2 0 0.0 .F. MLG100 MIXED OIL BSW 0% TO 12% NH N 2000 3 09/24/90 34814 9 , F. . . F. 0 0.0 .F. MLG160 MIXED OIL BSW 0% TO 12% NH N 1950 3.0 0.0 3 09/24/90 34815 3 .F. .F. NH N 2650 0.4 0.4 0.0 .F. MLO100 MIXED OIL BSW 0% TO 12% 09/24/30 34816 9 3 0.2 0 0.0 .F. .F. .F. 2000 12.0 ML0100 MIXED OIL BSW 0% TO 12% 09/25/90 34817 9 3 0 9.0 .F. .F. .F. 2000 0.0 0.0 ELE110 NON-REGULATED (WATER, OIL, COOLANT) DW A3055 6 09/25/90 34818 808640 ELEIDO EMULSIFIED OIL-MACHINE COOLANT (NON 2500 0.0 0 7.0 .F. .F. .F. 0.0 NH N 09/25/30 34819 A03000 A09000 HAZARDOUS) .F. .F. 2050 4.0 0.6 0 0.0 .F. 3 MLO100 MIXED OIL BSW 0% TO 12% 09/25/90 34820 9

ULW100 NON HAZARDOUS WASTEWATER

MLO100 MIXED OIL BSW 0% TO 12%

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09/25/90 34821

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Page 02/13																	in a	rocitions:
02/13								WASTE PIER	PECEIPTS 31									
DATE	RECEIPT	GENERATOR	MANIFEST	HAULER	WASTE CODE	WASTE TYPE	STA	TUS	GAL WASTE	GAL OIL	BS\$¥	%SOL	GALLONS	pH PCB's	Cr	Phenol	WASTE TANK	OIL TANK
09/25	90 34823	9		3	M10100	MIXED CIL BSW OR TO 12%	NH	R	0	1850	0.4	0.4	0	0.0 .F.	.F.	.F.		107
09/26	90 34824	A05000		405000	ULWICO	NON HAZARDOUS WASTEWATER	NH	N	400	0	15.0	0.2	0	0.0 .F.	.F.	.F.	112	
03/26	90 34825	A09200		3	UL¥100	NON HATAROOUS WASTEWATER	NH	K	5000	Û	0.0	0.0	0	7.0 .F.	,F,	.F.	8	
09/26	90 34826	L05000		L08690	ULW105	OIL IN HOH BSW > 85% THERM CHEM TREAT	NH	N	250	0	30,0	3.0	0	0.0 .F.	.F.	.F.	K	
03/25/	90 34827	9		3	M10100	MIXED OIL BSW ON TO 12%	NH	N	0	1650	3.0	0.2	0	0.0 .F.	.F.	.F.		112
09/26	90 34828	F16000		F18000	MF0100	MIXED DIL BSW GK TO 12%	NH	N	ō	9000	5.0	0.4	0	6.0 .F.	٠,٤,	.F.		107
03/26/	90 34323	3		3	¥10100	MIXED OIL BSW ON TO 12%	NE	ч	ō	2100	5.2	0.2	6	0.0 .F.	.F.	.F.		G
09/26/	90 34930	B08650	43082	Ē	ULW012	MON-REGULATED (WATER.OLL.SOAR) (B-1	04		5000	Ç	0.0	0.0	0	ă.0 .F.	, F.	.F.	L	
09/26/	36 34831	1	17463	5	EL#104	WATER WIPHENDS - NON-PERA WASTE SECULD	Ç,		5000	0	0.0	0.0	0	8.0 .F.	,F.	.F.	L/M	
03, 26/	90 34332	3		<u> </u>	4_0100	MIHED OIL BEW EN TO HER	Ин	li.	0	2500	1.0	5.2	0	0.0 .F.	.F.	.ř.		G
\$3/21/	90 34833	}		3	VL3:00	MIRES SEL BEA SA FO 12%	NH.	S	ğ	1950	1,0	1.0	ō	0.0 .F.	.F.	.F.		107
03/27/	90 34834	3		2	410100	MINES CO. BEAN CANTO 124	kin.	'n	6	1350	2.4	0.1	0	9.0 .F.	.۶.	.F.		107
09/27/	90 34335	:		1	400100	MIXED DIL 85% DR TO 12%	Y.2	N	‡	2350	4.0	5.5	G	0.0 .F.	.F.	.۶.		107
03/27/	30 34935	F16690		F18000	MF0100	MIRED CIC BOX DR TO 12%	NH	X	0	1200	1.0	1.0	0	0.0 .F.	.F.	.F.		157
09/27/	34837	V04000		104000	ULW200	BORON WASTEWATER - NON HAZARDOUS	1.8	N	5000	9	0.0	0.0	0	3.0 .F.	.T.	٠٤.	:11	
03/27/	34838	9		9	MF0:00	MIXED DIL BSW DW TO 12%	NH	N	0	2500	0.4	0,4	0	0.0 .F.	,F.	.F.		107
09/21/	34839	808060	A3676	5	ELE: 71	NON-REGULATED (WATER.OIL.COOLANT) PORTLNS (E-2)	₽¥		5000	0	0.0	0.0	ō	5.0 .F.	Ι.	,Τ.	М	
09/27/	34840	12		3	UL#100	NON HAZARDOUS WASTEWATER	NH	N	800	0	0.0	0.0	0	7.0 .F.	.F.	.F.	110	
09/27/3	0 34841	W08000		9	ELE100	EMULSIFIED OIL-MACHINE COOLANT (NON MACAPOOUS)	NH	N	500	0	0.0	0.0	0	5.0 .F.	.F.	.F.	110	
09/27/9	0 34842	F16000		F16000	mT3.00	MIXED DIL BSW DN TO 12%	ñН	<u> </u>	0	3300	10.0	5.4	ū	0.0 .F.	.F.	.F.		107
09/27/9	0 34843	9		3	ME0100	MIDEE OIL BSW CN TO 12%	ЧН	N	0	2000	3.0	0.4	0	0.0 .F.	F,	.F.		107
09/27/9	0 34844	A03000		A09000	410100	MITED CIL BS# 0% TO 12%	l _i ia	N.	0	1225	0.4	0.4	0	0.0 .F.	,F.	.F.		107
09/23/3	0 34845	9		3	ML0110	01L/M4*E9 BS# 13% TO 36%	NH	N	0	1800	20.0	2.0	0	0.0 .F.	.F.	.F.		164

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WASTE RECEIPTS PIER 91 WASTE OIL GAL BSSW WEOL GALLONS pH PCB's Cr Phenol STA TUS GAL DATE RECEIPT GENERATOR MANIFEST HAULER WASTE WASTE TYPE TANK WASTE CODE 110 C 7.0 .F. .F. .F. ELETIO NON-REGULATED (WATER, OIL. COOLANT) 1000 0.0 0.0 09/28/90 34846 808040 A3074 (E-1) 3067 4.0 0.4 0.0 .F. .F. .F. F16000 MLOTOO MIXED OIL BSW 0% TO 12% 09/28/90 34347 F16000 5000 € .0 .F. .F. .T. ELE171 NON-REGULATED (WATER.OIL, COOLANT) 0.0 0.5 03/28/90 34848 808060 A3087 ŝ PORTLND (E-2) 2080 4.0 0.2 3 5.5 .F. .F. .F. ML0100 MIXED OIL BSW 0% TO 12% 09/28/30 34849 3 3 1.5 1500 3.4 9 0.0 .F. .F. .F. 09/28/90 34850 9 3 MLC100 MIXED OIL BSW 0% TO 12% 105 0 8.0 .F. .F. .F. ELW105 NON-RCRA (WTR.OIL.GREASE-CONTAMINATED) DW 0.0 ô 09/29/90 34851 308010 A3054 F-2

112 0.0 JF. . F. . . F. MLC100 MIXED OIL BSW 0% TO 12% NH N 0.2 0.2 10/01/90 34852 3 3 4 1.0 F. .F. .F. 112 MLO100 MIXED OIL BSW 0% TO 12% NH N 725 0,4- 0.4 3 10/01/90 34853 3 1500 0 60,0 1.0 6 0.0 .F. NH N A05000 ULW100 NON HAZARDOUS WASTEWATER 10/01/30 34854 A05000 5 0.3 .F. .F. .F. 2050 15.0 0.4 MLO110 OIL/WATER BSW 13% TO 30% 10/01/90 34855 3 0.2 0 1,6 .F. ,÷, ,÷, 197 4.5 MED100 MIXED DIE BSA 0% TO 12% 10/01/90 34858 3 107 0 0.0 .F. .F. .F. 2650 0.2 MLO100 MIXED OIL BSW 0% TO 12% 10/01/90 34957 9 0 0.0 .F. .F. .F. 9.6 2250 4.0 3 ML0100 MIXED OIL BSW 0% TO 12% 10/01/90 34358 9

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1 0.0 .F. .F. .F. 1975 0.6 0.6 3 MLC100 MIXED OIL BSW 0% TO 12% 10/02/30 34960 3 0 9.0 .F. .F. .F. ELETTO NON-REGULATED (WATER, OIL, COOLANT) DW A3127 ô 10/02/90 34861 E08040 (E-1) 0 5.0 .F. .F. .F. 111 NH N 5000 0 0.0 0.0 ULW200 BORON WASTEWATER - NON HAZARDOUS 10/02/90 34862 V04000 V04000 110 0 5.0 .F. .F. .T. ELE171 NON-REGULATED (WATER, OIL, COOLANT) DW 5000 0.0 0.0 10/02/90 34863 808060 43120 6 PORTLND (E-2)

(WTR.GIL.SOAP.GREASE-CONTAMINATED E-1

ELW101 NON-RCRA

(E-1)

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,F, ,F, 23.75 0.6 0.0 .F. MLO100 MIXED OIL BSW 0% TO 12% 10/02/90 34864 9 ġ 0 0.0 .F. .F. .F. MIXED OIL BSW 0% TO 12% 2050 5.0 0.2 10/02/90 34865 3 9 0 3.6 .F. .F. .F. 3400 0.0 0.0 ELETIO NON-REGULATED (WATER, OIL, COOLANT) 43136 6 10/02/90 34866 808050

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Page No. 38 02/19/31																	
02/13/31						ì	ASTE R	ECEIPTS 91									
CATE RECEIPT	T GENERATOR	MANIFEST	HAULER	MASTE	WASTE TYPE	STA	TUS	GAL WASTE	GAL OIL	BSIX	%SOL	SALLONS	oH PCB's	Cr	Phenol	WASTE TANK	OIL TANK
10/02/90 34867	3		3	4,0100	MIXED CIL BSW OW TO 12%	NE	N	C	2500	0.4	0.4	0	0.0 .F.	.F.	.F.		107
10/02/90 34868	VOID	,010	VOID	VOID				0	0	0.0	0.0	0	0.0 .F.	.F.	.F.	VOID	CIOV
10/02/90 34869	A05000		405000	U_W100	NON HAZARDOUS WASTEWATER	NH	N	2400	ō	0.0	0.0	0	5.0 .F.	.F.	.F.	105	
10/03/90 34370	3		9	ML0100	MIXED OIL BSW 0% TO 12%	NH	N	0	2450	1.4	0.4	0	0.0 .F.	.F.	.F.		107
10/03/90 34871	W15001	19243	5	ULW105	CIL IN HOH BS# > 55% THERM CHEM TREAT	NH		5000	ē	0.0	0.0	0	4.7 .F.	.F.	.F.	110	
10.03/90 34872	3		3	ML0100	MIXED OIL 95W OX TO 12%	NH.	Н	9	1925	10.0	0.2	0	0.0 .F.	.۶.	.F.		K
10/03/30 34873	F18000		F16000	410100	MIXED OIL BEW OR TO 12%	NH.	N	5	7100	1.2	1,2	0	0.0 .F.	.F.	.F.		107
16/03/90 34874	55400		ŝ	ELE*10	EMBLSIFIED OIL-MACHINE COOLANT THON HAZ-ARCOUST	Ŋ¥	N	300	C	0.0	0.0	ō	3.0 .F.	٦.	.F.	110	
10/08/90 84875	3		9	MF0:00	MINED CIL BSW CN TO 12N	NH	Ñ	5	2600	1.0	0.2	ū	0.0 .F.	,F,	٠,۴.		107
10,03/90 34976	908040	1::1:	:	U_X013	NON-REGULATED WASTE MWATER.OIL: F-2"	D#		250	0	0.0	0.0	9	5.0 .F.	.F.	.F.	105	
10 08:80 84877	3		1	M_0100	MIMED DIG BOW ON TO TEX	XH	34	0	2450	0.6	0.5	G	0.0 .F.	٠Ē.	٠,5,		107
10 00.30 34878	105000		405000	ULWICC	NON HAZARDOUS WASTEWATER	1/3	N	1500	0	0.0	0.0	0	5.0 .F.	.F.	.F.	105	
104/90 84873	308080	43128	ŝ	450:00	MIXED DIE BEW DR 70 12%	NH.	N	9	300	0.2	0.2	ŷ	0.0 .F.	,÷,	.F.		107
15-04/80 34880	469000		403050	ELE100	EMULSIFIED OIL-MACHINE COOLANT (NON HAZARDOUS)	NF	N	1360	Ű.	0.0	0.0	0	5.0 .F.	.۶.	,F,	D	
10/04/90 34331	A05000		408990	UL#106	NON HAZARBOUS WASTEWATER	88	N	3500	0	0.0	0.0	0	5.C .F.	.۶,	.F.	109	
10/04/90 34852	9		3	ML0108	MIXED OIL BSW C% TO 12%	NH.	N	0	2050	12.0	0.6	0	0.0 .F.	.F.	,F,		С
10/04/30 34883	9		3	MLC106	MIXED OIL BSW OX TO 12%	NH.	N	0	1955	3.0	0.4	0	0.0 .F.	.F.	,F.		C
10/04/90 34884	VOID	Vele	VOID	VOIS				0	0	0.0	0.0	0	0.0 .F.	,F,	.F.	VOID	VOID
10/04/90 34885	9		3	4F9160	MIXED DIL BOW DX TO 12%	NH	Н	0	2000	12.0	0.2	0	0.2 .F.	.F.	.F.		С
10/04/90 34886	9		3	UL#105	OIL IN HOH BSW 3 85% THERM CHEM TREAT	NH	N	2125	0	34.0	0.2	0	0.0 .F.	.F.	,F.	110	
10/05/90 34887	3		9	ML0100	MIXED OIL BSW CW TO 12%	ŃН	N	175	1850	9.0	0.6	0	5.0 .F.	.F.	.F.	J	111
10/05/90 34838	A09000		409000	w[0:00	MINED OIL BOW OR TO 12%	NH	N	0	250	2.0	0.2	0	0.0 .F.	.۴,	.F.		107
10,05/30 34883	9		3	ULW100	NON HAZARDOUS WASTEWATER	NH	N	1543	0	0.0	0.0	0	5.0 .F.	.F.	.F.	111	

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WASTE RECEIPTS PIER 91 DATE RECEIPT GENERATOR MANIFEST HAULER WASTE WASTE TYPE STA TUS GAL GAL BS&W &SOL GALLONS pH PCB's Cr Phenal WASTE OIL CODE WASTE CII TANK TANK 10/05/90 34890 V04000 5 ULW200 BORON WASTEWATER - NON HAZARDOUS NH N 5000 0.0 0.0 0 8.0 .F. .F. .F. 111 10/15/90 34891 L08000 L08000 ULW100 NON HAZARDOUS WAS TEWATER NH N 1300 0 50.0 0.6 0 10.0 .F. .F. .F. 115 10/05/90 34892 ML0100 MIXED OIL BSW 0% TO 12% NH N 1350 0.8 0.8 0 0.0 .F. .F. .F. 107 10/05/90 34893 808060 A3121 ELETTI NON-REGULATED (WATER.OIL.COOLANT) 5000 0.0 0 8.0 F. .ř. .ī. 110 PORTLND (E-2) 10/05/30 34894 B08040 A3172 ELE110 NON-REGULATED (WATER, OIL, COOLANT) 1500 0 0.0 0.0 0 5.0 .F. .F. .F. 110 (E-1) 10/05/90 34895 9 0 ML0100 MIXED OIL BSW 0% TO 12% NH N 1950 0.6 0.6 0 0.0 .7. .F. .F. 107 10/06/90 34896 808010 A3174 ELW105 NON-RCRA (WTR.OIL.GREASE-CONTAMINATED) CW 2650 0.0 0.0 0 5.0 .F. .F. .F. 105 F-2 10/08/90 34837 A05000 A05000 ULW100 NON HAZARDOUS WASTEWATER NE N 5000 0.0 0.0 0 5.0 .F. .F. .F. :05 10/08/90 34399 E10100 10148 ELETOO EMULSIFIED OIL-MACHINE COOLANT INON 409000 350 0.0 0.0 0 8.0 ,=, .F. .F. HAZARDOUS! 10/08/90 34899 9 3 ML0100 MIXED OIL BSW 0% TO 12% NA N 2050 1.2 1.0 0 0.0 .7. .F. .F. 107 10/08/90 34900 808050 43142 5 NON-REGULATED (WATER.OIL.COOLANT 0,0 0 5.0 .F. .F. .T. PORTLND (E-2) 10/08/90 34901 A05000 405000 ULW100 NON HAZARDOUS WASTEWATER 5000 0.0 0.0 0 5.0 .F. .F. .F. 105 10/08/90 34902 9 MLO100 MIXED OIL BSW 0% TO 12% NH N 2050 6.0 8.0 0 0.0 F. .F. .F. 10/08/90 34903 808020 A3131 ELW105 NON-RCRA (WTR.OIL, GREASE-CONTAMINATED) DW 5000 0.0 0.0 0 5.0 .F. .F. .F. 105 F-2 10/08/90 34904 808020 A3132 6 ELWIDS NON-RCRA (WTR,OIL,GREASE-CONTAMINATED) DW 0.0 0.0 0 5.6 .F. .F. .F. 105 F-2 10/08/90 34905 9 3 MIXED OIL BSW 0% TO 12% 2500 2.0 0.2 0 0.0 .F. .F. .F. 107 10/08/90 34906 9 9 ML0100 MIXED OIL BSW OX TO 12% NH N 1750 1.0 0.2 0 0.0 .F. .F. .F. 107 10/08/90 34907 P07500 P07500 NON HAZARDOUS WASTEWATER ULWIDD 2770 0.0 0.0 0 7.0 .F. .F. .F. 105/109 10/09/90 34908 B08050 A3201 6 ELW101 NON-RCRA 5000 0.0 0 9.0 .F. .F. .F. 0.0 (WTR,OIL,SOAP, GREASE-CONTAMINATED E-1 10/09/90 34909 9 9 MLO100 MIXED OIL BSW 0% TO 12% NH N 2000 0.6 0.2 0 0.0 .F. .F. .F. 107 10/09/90 34910 F10500 F10500 ULW100 NON HAZARDOUS WASTEWATER NH N

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Page No. 40 02/13/31 WASTE RECEIPTS PIER 91 DATE RECEIPT GENERATOR MANIFEST HAULER WASTE WASTE TYPE STA TUS GAL GAL BS&W %SOL GALLONS pH PCB's Cr Phenol WASTE OIL CODE WASTE OIL TANK TANK 10/09/90 34911 9 3 ML0100 MIXED OIL BSW 0% TO 12% NH N 0 2000 0.4 0.2 0 0.0 .F. .F. .F. 107 10/09/90 34912 9 9 ULW100 NON HAZARDOUS WASTEWATER NH N 726 0.0 0.0 0 5.0 .F. .F. .F. 109 10/03-95 34313 3 3 MLO100 MIXED OIL BSW 5% TO 12% NH N 0 2050 9.0 0.2 0 0.0 .F. .F. .F. 107 10/03/90 34914 9 3 MLC100 MIXED OIL BSW 0% TO 12% NH N 2600 0 0.0 .F. .F. .F. 4.0 0.2 107 10/10/30 34915 A05000 A05000 ULW105 OIL IN HOH BSW > 35% THERM CHEM TREAT NH N 5000 0.0 5.0 0 5.0 .F. .F. .T. 115 10/10/90 34916 004150 A05000 ULW100 NON HAZARDOUS WASTEWATER NH N 1300 0.0 0.0 0 7.0 .F. .F. .F. 109 10/10/90 34917 9 9 ML0100 MIXED OIL BSW 0% TO 12% NH N 0.2 0.2 0 0.0 .F. .F. .F. 167 10/10/30 34918 3 3 MIXED OIL BSW ON TO 12% 1300 12.4 0.4 NH N 0 0.0 .F. .F. .F. 107 10/10 90 34919 F16000 F16000 410100 MIXED OIL SSW OF TO 12% No. N 1.4 0.3 0 0.0 .F. .F. .F. 107 10/10/20 34920 309080 43134 ELETT MON-REGULATED (AATER.OIL.COCLANT) 5060 0.0 0.0 € 5.0 .F. .ř. .T. 110 PORTLYD (E-2) 10/10-80 34831 3 MICTOR MIXED OUR BEW ON TO 12% 58 5 5.0 0.2 0 0.0 .F. .F. .F. 107 10.10 80 34882 408600 405000 ULATOO NON HADAPOOUS WASTEWATER 5000 10- 30 0.0 0,0 0 6.0 .F. .F. .F. 103 T. C. E. 14323 1 MICHO MITTE CIL BEN ON TO 12% 1725 4.0 54 4 0.3 0 0.0 .F. .F. .F. 107 11/11/11/11/11/11 9 ULWIGG NON HAZARDOUS WASTEWATER 1650 0 20.0 6.0 0 0.0 .F. .F. .F. 164 10,10,30 34325 308040 43207 ELETTO NON-REGULATED TWATER.OIL.COOLANT DA 0.0 0.0 0 8.0 .F. .F. .F. 110 (E-1) 10 11 90 34928 F16000 F16000 ML0100 MIXED OIL BSW 0% TO 12% NH N 8300 4.0 0.0 0.0 .F. .F. .F. 107 10/11.30 34327 3 3 ML0100 MIXED OIL BSW 0% TO 12% 0 1100 0.8 0.3 0 0.0 .F. ,F. .F. 107 *C 11/30 34928 B08040 43167 A05000 ELETTO NON-PEGULATED : WATER, OIL, COOLANT) D* 2500 0.0 0.0 0 7.0 .F. 110 .F. .F. (E-1) 10,01 80 04929 1 ML0100 MIYED OIL BSW 0% TO 12% NH N 2450 6.0 0.2 0 0.0 .F. .F. .F. 107 10/11/90 34930 3 3 ML0100 MIXED OIL BSW 0% TO 12% NH N 2300 5.0 0.2 0 0.0 .F. .F. .F. 107 10/11.90 34931 9 3 ML0100 MIXED OIL BSW 0% TO 12% 0 NH N 2075 4.0 0.2 0 0.0 .F. .F. .F. 107

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ML0100 MIXED OIL BSW 0% TO 12%

ULW100 NON HAZARDOUS WASTEWATER

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Page No.	41																	
02/13/31							9	ASTE R PIER	ECEIPTS 31									
DATE	RECEIPT	GENERATOR	MANIFEST	HAULER	WASTE	WASTE TYPE	37A	TUS	GAL WASTE	GAL OIL	BS&W	¥SOL	GALLONS	pH PCE's	Cr	Phenol	WASTE TANK	OIL TANK
10/11/30	34934	3		9	MT0100	MIXED OIL BSW 0% TO 12%	МН	N	0	1300	2.0	0.2	0	0.0 .F.	.F.	.F.		107
10/12/90	34935	R0750G		A09000	ELE100	EMULSIFIED OIL-MACHINE COCLANT INON HAZARDOUS)	NH	N	1800	Q	0.0	0.0	Û	8.0 .F.	,F.	.F.	3	
10/12/90	34936	3		3	4 L0100	MIXED OIL BS# 0% TO 12%	ИH	N	9	1075	0.2	0.2	ţ	0.0 .F.	₽.	.Ē.		107
10/12/90	34937	A05000		A05000	ULWICO	NON HAZARDOUS WASTEWATER	HH	N	5000	0	3.0	2.0	Ę	5.0 .F.	,Ē,	,ř,	103/15	4
10/12/90	34938	9		3	MF0:00	MIXED OIL BSW DR TO 12%	NH	5	0	2650	2.8	0.2	:	5,5 ,5,	۶,	.F.		107
10/12/30	34939	308060	A3195	ĉ	ELE171	NON-REGULATED (WATER.OIL,COOLANT) PORTUND (E-2)	Die		5000	0	0.0	0.0	0	5.0 .F.	,F.	,f,	L	
10/12/90	34940	9		3	MT0:00	MIXED OIL BSW IN TO 12%	¥4	1	Ů.	2050	1,6	0.2	į	0.0 .F.	۶,	.F.		:12
10/12/90	34941	A05000		A05000	ULW100	NON HAZARDOUS WASTEWATER	КH	7	1300	Ĉ	0.0	0.5	÷	0.0 .F.	, F.,	.F.	105	
10/12/30	34942	808040	A3212	ô	ELE110	NON-REGULATED (XATER.DIL.COOLANT) (E-1)	DX		1900	Ü	0.0	0.0	į	8.6 .F.	.F.	,÷,	ń	
10/12/90	34943	B08070	43175	ĉ	ELXQ48	HAZIARDOUS WASTE LIQUID ESKYDROLE ARWASNY LEGS	DX		4700	ű	0.0	0.0	¢	5.0 .5.	,£,	,F.	198	
10/12/90	34944	808070	A3209	6	ULW013	NON-REGULATED WASTE (WATER.COL) (F-2)	D¥.		2700	į.	0.0	1.0	1	8.1 .F.	.₹,	,ř,	105	
10/12/30	34945	A09000		409000	ULW100	NON HAZARDOUS MASTEMATER	18	ñ	705	4	20.0	0.4	\$	(.C.F.	,Ē,	.F.	164	
10/12/90	34946	3		9	410100	MIXED CIL BSW 0% TO 12%	NH	K	0	2600	0.2	0.2	5	0.0 .F.	.F.	.F.		112
10/12/90	34947	B08050	43232	ō	ELE110	NON-FEGULATED HWATER.DIL.CCOLANT) (E-1)	01		3900	0	0.0	0.0	Ç	8.0 .F.	,F,	,F,	ч	
10/12/90	34948	9		9	ME0100	MIXED OIL BS# 0% TO 12%	NH	1	Ũ	1100	0.4	5,4	į.	0.0 .=.	,÷,	,F.		167
10/13/90	34949	B08050	A3224	5	ULW019	NON-REGULATED WASTE (WATER.OIL) (F-2)	Đ₩		1600	0	0.0	0.0	0	8.C .F.	.۴,	.F.	109	
10/13/90	34950	V04000		V04000	ULW200	BORON WASTEWATER - NON HAZARGOUS	NH	H	5000	0	0.0	0.0	Ü	9.0 .F.	.۶.	.F.	109	
10/13/90	34951	808050	A3225	6	ELW101	NON-RCF4 (WTR.OIL,SOAP,GPEASE-CONTAMINATED E-1	Dw		4700	0	0.0	0.0		8.0 .F.	, F.	, ε,	115	
10/15/90	34952	9		9	ML0100	MIXED OIL BSW C% TO 12%	NH	N	0	2000	30.0	0.2	9	0.0 .F.	.۶.	.F.		164
10/15/90	34953	9		9	UL#100	NON HAZARDOUS WASTEWATER	NH	N	300	č	0.01	€.2	0	0.0 .F.	۰۶.	.F.	164	
10/15/90	34954	A09000		A09000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	300	0	0.0	0.0	0	5.0 .F.	.۶,	.F.	109	

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Page No. 02/19/91							,	VASTE R	ECEIPTS									
DATE	RECEIPT	GENERATOR	MANIFEST	HAULER	WASTE CODE	WASTE TYPE	STA	PIER	GAL WASTE	GAL OIL	BS&W	%SOL	GALLONS	pH PCB's	Cr	Phenol	WASTE TANK	OIL TANK
10/15/90	34955	9		9	ML0100	MIXED OIL BSW 0% TO 12%	NH	N	0	2250	0.2	0.2	0	0.0 .F.	.F.	.F.		112
10/15/90	34956	1	17549	6	ELW104	WATER W/PHENOL - NON-RCRA WASTE LIQUID	DW	N	5000	0	0.0	0.0	0	5.0 .F.	.F.	.F.	110	
10/15/90	34957	9		9	ML0100	MIXED CIL BSW 0% TO 12%	NH	N	0	2025	1.4	0.2	0	0.0 .F.	.F.	.F.		112
10/15/90	34958	A09000		A09000	ELE100	EMULSIFIED OIL-MACHINE COOLANT (NON HAZARDOUS)	NH	N	700	ū	0.0	0.0	0	6.0 .F.	.F.	.1.	110	
10/16/30	34959	308040	A3262	5	ELE110	NON-REGULATED (WATER, OIL, COOLANT)	DW		2000	0	0.0	0.0	0	\$.0 .F.	.۶.	.F.	110	
10/15/90	34960	F16000		F16000	ML0100	MIXED OIL BSW 0% TO 12%	NH	N	0	5200	5.0	0.6	0	0.0 .F.	.F.	.F.		107
10/15/90	34961	VOID	V010	VCID	VOID				0	0	0.0	0.0	0	0.0 .F.	.F.	,F.	VOID	VOID
10/15/30	34962	3		g	ML0100	MIXED OIL BSW OR TO 12%	NH	N	0	2000	1.2	0.2	-1	0.0 .8.	٠٤,	.F.		107
10/18/90	3 34963	3		3	ML0100	MIXED OIL BSW ON TO 12%	NH	N	0	2400	1.0	0.2	0	0.0 .F.	.F.	,F.		107
16/16/90	3 34964	808060	A3250	Ê	ELE171	NON-REGULATED (WATER.OIL,COOLANT) PORTLAD (E-2)	D¥		5000	0	0.0	0.0	9.	5.0 .F.	,Ē.	л.	110	
10/16/30	34365	P11550		5	UL#105	OIL IN HOH BSW > 85% THERM CHEM TREAT	NH	h	700	0	1.0	1.0	Ş.	1.0 .F.	.F.	,F.	110	
10-15-30	34986	909090	±3258	ŧ	ELE171	NON-REGULATED (WATER, OIL, COCLANT) PORTLND (E-2)	DW		1200	0	0.0	0.0	0	5.0 .F.	.۶.	,۶,	116	
10.15/30	0 34967	A0500C		405060	JL#100	NON HAZARDOUS WASTEWATER	NH	N	5000	.0	0.1	0.1	ţ	6.0 .F.	.F.	.F.	105	
16/15/90	0 34968	M16000		3	4L0100	MIXED OIL BSW OX TO 12%	NH	N	0	1834	1.4	0.4	0	0.0 .F.	, F.	.F.		107
10/16/3	0 34969	3		3	ML0100	MIXED DIL BSW 0% TO 12%	NH	N	0	:650	0.2	0.2	0	0.0 .F.	.F.	.F.		107
19/16/30	5 34970	9		3	ML0106	MIXED OIL BSW OR TO 12%	NH	N	0	2100	0.7	0.1	0	0.0 .F.	.F.	.F.		197
10, 17/9	0 34971	M15000		916000	ML0100	MIXED OIL BSW 0% TO 12%	NH	N	0	535	1.6	0.4	0	0.0 .F.	.F.	.F.		107
10/17/3	0 34972	9		ė	ML0100	MIXED OIL BSW 0% TO 12%	NH	N	0	2000	1.2	0.2	0	0.0 .F.	.F.	.F.		107
10-17-3	0 34973	V04000		V04000	ULW200	BORON WASTEWATER - NON HAZARDOUS	NH	N	5000	0	0.0	0.0	ō	9.0 .F.	.F.	.F.	111	
10/17/9	0 34974	808045	A3267	6	ULW019	NON-REGULATED WASTE (WATER,OIL) (F-2)	DW		5000	0	0.0	0.0	0	5.0 .F.	.F.	.F.	111	
10/17/9	0 34975	3		9	ML0100	MIXED OIL BSW 0% TO 12%	NH	N	0	2050	3.0	0.2	0	0.0 .F.	.F.	.F.		107
10/17/9	0 34376	¥15000		6	ULW105	OIL IN HOH BSW > 85% THERM CHEM TREAT	NH	N	1800	0	0.0	0.0	0	6.9 .F.	.۶.	.F.	111	

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ULWIGO NON HAZARDOUS WASTEWATER

WASTE RECEIPTS PIER 91 DATE RECEIPT GENERATOR MANIFEST HAULER MASTE WASTE TYPE STA TUS GAL GAL BSSW %SOL GALLONS pH PCB's Cr Phenol WASTE OIL TANK CODE WASTE OIL 10/17/90 34977 9 3 ML0100 MIXED GIL ESW 0% TO 12% 2000 0.1 0 0.0 .F. .F. .F. ELW104 WATER W/PHENOL - NON-RCRA WASTE LIQUID 5000 0.0 0 8.0 .F. .F. .T. 10/17/90 34976 1 17562 ĉ DW 10/17/90 34979 9 3 MIKED OIL BSW OX TO 12% 2300 1.0 .F. .F. 10/17/90 34980 9 3 ML0100 MIXED OIL BSW 0% TO 12% 825 1.8 0.0 .F. .F. .F.

10/18/90 34981 M03100 5 ELETOO EMULSIFIED CIL-MACHINE COOLANT (NON 700 0.0 9 8.0 .F. .F. .T. 110 HAZARDOUS I 4 7.0 E. .F. .F. 10/13/90 34932 405000 405000 ULWICO NON HAZARDOUS WASTEWATER 1300 0.0 109 7.0 .F. 110 10/18/90 34983 B08040 43249 ĉ ELETTO NON-REGULATED (*ATER, OEL. COOLANT) 0.0 .F. .F.

10/18/90 34984 308080 43265 ULWO12 NON-PEGULATED (WATER.GIL, SOAP) 0 6 3756 5 9.0 .F. .F. .F. 110 ŝ E- . 1.0 .5. A05000 A08000 CLATES NON HADAPOOUS WASTEWATER 550 50.0 .F. .F. 110 10/16/30 34985

10/18/30 34988 3 3 MLO100 MIXED DIL BSW D% TO 12% 2050 i. i.i 0.2 0 0.0 .F. .F. .F. 110 10/18/30 34987 409080 109000 ULATIO NON HAZARDOUS WASTEWATER 0 8.0 F. .F. .F. 10/16/90 34988 8 MIGHTS MIYED OIL BSW GR TC 12% 400 8.0 0.2 1 (.1 .E. .F. .F. 201500 ULMIGG NON HAZARDOUS WASTEWATER 2651 103, 111

10/18/90 34989 P07500 .F. .F. A05000 ULW100 NON HAZARDOUS WASTEWATER 5000 0 0.0 0 8.2 .F. 10/18/90 34990 405000 .F. .F. 0.0.5. 10/19/30 34991 9 3 MLG100 MIXED OIL BSW 0% TO 12% 2000 10.0 1.2 .F. .F.

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1700 0.4 107 10/19/90 34993 3 3 ML0100 MIXED OIL BSW 0% TO 12% 0.0 .F. .F. .F. ELETT! NON-REGULATED (WATER, OIL, COOLANT) 5000 110 10/19/90 34994 808060 43251 6 0.0 0.0 0 9.0 .F. .T. .T.

POPTLNO (E-2) 10/13/90 34995 808050 43296 ĉ ULWO12 NON-REGULATED : WATER. OIL . SOAP! 0 0.0 0 5.0 F. .F. .F. 110 (E-1)

10/19/90 34936 9 3 MIGICO MIXED OIL BSW CA TO 12% 675 0.2 0.1 0 0.0 .F. .F. .F. 10/19/90 34997 004150 A05000 ULW 100 NON HAZARDOUS WASTEWATER 5000 0.0 0 5.0 .F. .F. .F. 111 ML0100 MIXED OIL BSW 0% TO 12% 1350 1.0 0.2 0 0.0 .F. .F. .F. 10/19/90 34398 3

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Page No. 44 02/19/91 WASTE RECEIPTS PIER 91 WASTE WASTE TYPE STA TUS GAL RECEIPT GENERATOR MANIFEST HAULER CODE WASTE ELE110 NON-REGULATED (WATER, OIL. COOLANT) 700 10/13/90 34399 B08040 A3291 5 (E-1) F16000 ML0100 MIXED OIL BSW CX TO 12% NH N 10/22/90 35000 F16000 L08000 ULWIDE OIL IN HOH BSW > 85% THERM CHEM TREAT NH N 700 10/22/90 35001 L08000 MLC110 OIL/WATER BSW 13% TO 30% NH N 10/22/90 35002 9 3 MID100 MIXED DIL SSW 0% TO 12% NH N 10/22/90 35003 9 10/22/90 35004 R07450 FLETOD EMULSIFIED OIL-MACHINE COOLANT (NON NH N HAZARDOUS) MIG100 MIXED GIL BSX 0% TO 12% NE N 10/22/90 35005 3 9 NH N MLO100 MIXED OIL BSW 0% TO 12% 15/22/90 35006 3 3 3 ML0100 MIXED OIL BSW 0% TO 12% 10/23/90 35007 NH N 10/23/90 35008 3 MLO100 MIXED OIL BSW 0% TO 12% NH N 3 ML0100 MIXED OIL BSW 0% TO 12% 10/23/30 35009 3 ULW200 BORON WASTEWATER - NON HAZARDOUS 10/23, 90 35010 V04000 E NH N 5000 10/23/30 35011 R07450 ĉ ULW100 NON HAZARDOUS WASTEWATER NH N 5000 MIG110 OIL/WATER BSW 13% TO 30% 0 10/23/90 35012 9 5000 10/23/90 35013 908060 A3313 6 ELETTI NON-REGULATED (WATER, OIL, COOLANT) DW PORTLND (E-2) EMULSIFIED OIL-MACHINE COOLANT (NON 700 108000 ELE100 10/23/90 35014 108000 HAZARDOUS) ELEI10 NON-REGULATED (WATER, OIL, COOLANT) 2500 10/23/90 35015 A3323 6 DW 808040 (E-1) 10/23/90 35016 3 3 ML0100 MIXED OIL BSW 0% TO 12% NH N 0 P07500 ULW100 NCN HAZARDOUS WASTEWATER 1448 10/23/90 35017 P07500 10/23/90 35018 9 9 ML0100 MIXED OIL BSW 0% TO 12%

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A3327

ML0100 MIXED OIL BSW 0% TO 12%

(F-2)

ULWO19 NON-REGULATED WASTE (WATER, OIL)

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10/24/90 35019 9

10/24/90 35020 808050

GAL BSSW **%SOL GALLONS** pH PCB's Cr Phenol WASTE OIL OIL TANK TANK 0.0 0.0 0 5.0 .F. .F. .F. 110 .F. ,F. 107 8300 1.0 1.0 0 0.0 .F. 0 90.0 0.2 0 6.0 .F. .F. .F. 2075 20.0 0.4 0 0.0 .F. .F. .F. 0 0.C .F. 107 2.2 0.4 .F. .F. 110 0 7.0 .F. .F. .F. 0.0 0.0 107 2350 3.6 0.4 0 3.0 .F. .F. .F. 1325 0.2 0.2 0 0.0 .5. .F. .F. 157 107 2125 0.6 0.8 0 0.0 .F. .F. .F. 757 8.0 0.2 0 0.0 .F. .F. .F. . 107 1900 0.2 0.2 0 0.0 .5. .F. .F. :03 0 8.0 .F. .F. .F. 0.0 0 1.0 .F. ,F, ,E, 110 0 0.0 0.0 1850 20.0 0.2 0 0.0 .F. , F. , F. 110 0.0 0.0 0 5.0 .F. .F. .F. 107 0 60.0 9.0 0 0.0 .F. .F. .F. 110 0 0.0 0.0 0 9.0 .F. .F. .F. 107 2400 0.4 0.4 0 0.0 .F. .F. .F. 0.0 0.0 0 7.0 .F. .F. .F. 109 2500 0.6 0.2 0 0.0 .F. .F. .F. 107

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10/25/30 35041 9

Page No. 45 02/19/91 WASTE RECEIPTS PIER 31 WASTE OIL GAL BSSW %SOL GALLONS of PCB's Cr Phenol DATE RECEIPT GENERATOR MANIFEST HAULER WASTE WASTE TYPE STA TUS GAL TANK CODE WASTE CIL ELETCO EMULSIFIED OIL-MACHINE COOLANT (NON 950 0.0 0.0 0 3.9 .F. .F. .F. 10/24/90 35021 P24400 HAZAPDOUS) 0 5.0 .F. .F. .T. ELETTI NON-REGULATED (WATER, OIL, COOLANT) 0.0 0.0 10/24/90 35022 808060 43320 ô PORTLND (E-2) 107 2300 0.6 6.6 0 0.0 .F. .F. .F. 10/24/96 35023 9 3 ML0100 MIXED OIL BSW OW TO 12% 111 MLGG15 WASTE COMBUSTIBLE LIQUID (F2) 5000 0.0 0.0 0 7.0 .F. .F. .F. 10/24/90 35024 803045 A3334 6 ELETTO NON-REGULATED (WATER, GIL, COOLANT) 3800 0.0 0 8.0 .F. .F. .T. A3333 10/24/30 35025 B08050 (E-1) 0 4.0 0 8.0 JF. ELWICS NON-RORA (WIR.OIL, GREASE-CONTAMINATED) 10/24/30 35026 908050 A3332 107 0 0.0 JF. 10,24/90 35027 9 9 ML0100 MIXED OIL BSW ON TO 12% 2400 2.4 .F. .F. 406475 53 N 5043 10.0 (5,0 .F. .F. .F. 107 MIG100 MINED OIL BSW OR TO 12% 0.0 ().(.F. .F. .F. 111 13335 ML0016 WASTE COMEUSTIBLE LIGHTO F2/ 24 10.25/90.35029 808048 5.0 .F. 111 CUMO13 NON-REGULATED WASTE | MATERIOIL .F. .F. 10/25/90 38030 B03080 43348 107 2015 0.2 10/25/30 35031 3 MEDICO MINED DIE BSW DR 70 12% 0 0.0 .F. ,£, ,£, 107 2450 0.5 0.5 0 0.0 .F. .F. .F. 10/25/90 35032 3 MLOTES MIXED SIL BSW C% TO 12% RH N 105 ML00:8 WASTE COMBUSTIBLE LIQUID F2 8.0 .F. .F. .F. 10.25/90 35033 808045 43337 0 0.0 0 3.0 .F. .F. .F. 110 10/25/90 35034 B08040 43312 ELETTS NON-REGULATED (WATER.DIL.COOLANT) (E-1) 10/25/90 35035 A09000 409000 ELEIGO EMULSIFIED OIL-MACHINE COOLANT - NON 0.0 G 7.0 .F. .F. .F. 110 HAZARDOUS! MLOG16 WASTE COMBUSTIBLE LIQUID (F2) CH 5000 0.0 0.0 0 5.0 .F. .F. .F. 105 10/25/90 35036 B09045 43336 ô 4500 0.0 0 7.0 .F. .F. .T. 110 10/25/90 35037 1 2383 5 ULW104 0.0 ULW012 NON-REGULATED (WATER, OIL, SOAP) [* 1800 0.0 0.0 0 9.0 .F. .F. .F. 110 43350 10/25/90 35033 808030 ĉ (E-1) 105 0.0 ú 7.0 .F. .F. .F. 10/25/90 35039 405000 405000 ULWICO NON HAZARDOUS WASTEWATER ULW105 - OIL IN HOH BSW - 35% THERM CHEM TREAT 5000 0.0 0.0 0 5.0 .F. .F. .F. 110 10/25/30 35040 A05000 405000 NH N

ML0100 MIXED OIL BSW 0% TO 12%

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Paga No. 46																	
02/19/91						¥	ASTE R PIER	ECEIPTS 91									
DATE RECEIPT	T GENERATOR	MANIFEST	HAULER	WASTE CODE	WASTE TYPE	STA	TUS	GAL WASTE	GAL OIL	BS&W	%50L	GALLONS	gH PC9's	Cr	Phenol	WASTE TANK	OIL TANK
*:					70 202	NH	N	700	1350	35.0	0.2	0	G.G .F.	.F.	,F.	8	3
10/25/90 35042	9		9	ML0110	OIL/WATER BSW 13% TO 30%					0.6	0.6	0	0.0 .F.	.F.	.F.		107
10/25/90 35043	9		9	ML0100	MIXED OIL BSW 0% TO 12%	NH	N	0	2500							м	
10/25/90 35044	R07450		5	ELE100	EMULSIFIED OIL-MACHINE COOLANT (NON HAZARDOUS)	NH	N	3925	0	0.0	0.0	C	8.0 .F.		.F.		
10/25/90 35045	A09000		A09000	ULW105	OIL IN HOH BS# > 85% THEPM CHEM TREAT	NH	N	2500	0	0.0	0.0	0	9.0 .F.	.F.	,F.	110	
	9		3	ML0100	MIXED OIL BSW O% TO 12%	NH	N	0	1200	1.0	1.0	0	0.0 .F.	.F.	.F.		107
10/25/90 35045			9	ML0100	MIXED OIL BSW ON TO 12%	NH	N	0	2075	4.0	0.2	Ç	0.0 .F.	.F.	.F.		107
10/28/90 35047	9				MIXED OIL BSW O% TO 12%	NH	N.	0	2450	0.4	6.4	¢	0.0 .F.	.F.	.F.		157
10/25/90 35048	3		9	ML0100		NH	N.	ð	1800	1.4	C.2		0.0 .F.	.5.	, : ,		107
10.25/90 35049	9		3	ME0100	MIXED OIL BSW 0% TO 12%				9	0.8	2.8	0	5.8 .F.	.۶.	.5,	4	
10/28/30 38080	109000		108000	ULW105	OIL IN HOH BSW > 65% THERM CHEM TREAT	KK	14	700				:	5.0 .F.		, s ,	107	
10/27/90 35051	808010	43340	Ê	EL#105	NON-RCRA (WIR.CIL.GREASE-CONTAMINATED) F-2	0.4		4300	0	0,2	6.2						
10/29/90 35052	K05500		6	ELE100	EMULSIFIED OIL-MACHINE COOLANT (NON HAZARDOUS)	NH	N	1000	0	0.0	0.6	ŷ	8.0 .F.	.7.	,F,	н	
10/29/90 35053	L08000		L08000	ULW100	NON HAZARDOUS WASTEWATER	'nн	N	50		5.6	:.:	ŷ	4.4 .F.	.F.	, F.	109	
			3	HL0100	MIXED OIL BSW C% TO 12%	NH	ę	0	1237	1.2	0.2	0	0.5 .F.	.F.	.÷.		107
10,29/90 35054 10-29/90 35055		A3321	6	ELE171	NON-REGULATED (WATER, OIL, COOLANT) PORTLND (E-2)	DW		5000	9	0.0	0.0	ē	8.0 .F.	.ř		t _	
						NE	N	100	0	30.6	0.3		0.0 .7.	.5	F.	ř.	
10/29/90 3505	5 108000		L08000	ULW100	NON HAZARDOUS WASTEWATER	.11		0	0		0.0		0.0 .F.	, F	F.	VOID	VOID
10/30/90 3505	7 VOID	VOID	OIOA	VOID				551									107
10/30/90 3505	8 9		9	ML0100	MIXED OIL BSW OX TO 12%	N	4 N	0	2200	1.0							1.5.
10/30/90 3505	9 R07450		6	ELE100	EMULSIFIED OIL-MACHINE COOLANT (NON HAZARDOUS)	N	H N	5000	0	0.0	6.4) (0 9.0 F.		F.	110	
10/30/90 3506	0 A05000		A05000	ML0100	MIXED OIL BSW OX TO 12%	N	H N	0	100	2.0	0.	2	0.0.F.	. F	F.		167
10/30/90 3506			6	ULW200	BORON WASTEWATER - NON HAZARDOUS	N	H N	5000		0 0.0			0 8.0 .F.		, .F.	J	107
10/31/90 3508	32 9		9	HL0100	MIXED OIL BSW 0% TO 12%	N	H N	0	207	5 0.1	0.	2	Ç 0.0 .F.		, ,F,		107
10/31/90 3500			9	ML0100	MIXED OIL BSW 0% TO 12%	N	H N	0	161	5 0.	0.	4	0.0.F	!	F.		107

10/31/90 35063 9

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11/01 90 35085 3

WASTE RECEIPTS PIER 31 GAL BS&W &SOL GALLONS OH PCB'S Cr Phenol WASTE OIL GAL STA TUS DATE RECEIPT GENERATOR MANIFEST HAULER WASTE WASTE TYPE TANK TANK WASTE CIL CODE 107 1350 0.2 0 0.0 .F. .F. .F. 0.2 MLG100 MIXED OIL BSW 0% TO 12% NH N 9 10/31/90 35064 9 ELETOO EMULSIFIED OIL-MACHINE COOLANT (NON 0.0 0.0 0 8.0 .F. .F. .F. A03000 10/31/90 35065 A09000 HAZARDOUS! 5000 0.0 0.0 0 5.0 .F. .F. .T. ELETTI NON-REGULATED (MATERICILICOCLANT) 43375 õ 10/31/90 35066 B08060 PORTLND (E-2) 110 ELETOO EMULSIFIED OIL-MACHINE COOLANT INON 0.0 0 9.0 .F. .F. .F. 6 10/31/90 35067 R07450 HAZARDOUS 1 : 350 1.0 0 0.0 .F. .=. .=. 107 3 MLOTOD MIXED OIL BSW 03 TO 128 NE N 10/31/90 35068 9 114 1.5 0 0,0 .F. .F. .F. 1933 1.0 ML0100 MIXED OIL BS# 0% TO 12% 10/31/30 35069 M16000 110 0 8.0 .7. .F. .T. ELW104 WATER W/PHENOL - NON-PORK WASTE LEGUED 5000 0.0 10/31/90 35070 1 17516 ŝ 0.0 0.0 0.0 .F. .F. .F. 103 ULWICE NON HAJARDOUS WASTEWATER KH K 10/31/30 35071 T 0 0.0 .F. .F. .F. 109 ULW100 NON HAZAPDOUS WASTEWITER 0 0.0 10-81 80 85072 L08000 114 610 1.0 5 0.0 .F. .ř. .ř. ML0100 MIXED CIL BS# IN TO 12% 10 31 30 35073 V16000 BLETCO EMULSIFIED DELEMACHINE COOLANT NON 4300 0.9 0 3.0 .F. .F. .F. 10 31/30 35074 409200 HAZARCOUS! CEMICS COLUMN HOW BEAUTHERY CHEMITREST 5 0.0 0.0 0 5.0 .F. .f. .f. :10 1600 "" [" 30 35075 L08000 0 5.6 .F. .F. .F. 103 0.0 JUN100 NON HAZARDOUS WASTEWATER 11/01/90 35078 AD5000 A05000 107 100 0.2 0.2 0 0.0 .F. .F. .F. MEGICO - MIXED DIE BEW CR TO 12% 3,4 1 11/01/30 35077 F08880 F08886 107 .F. .F. 3000 6.0 6.4 0 0.0 .F. ML010G MIXED OIL BSW 0% TO 12% NH N 11/01/90 35078 3 110 1300 0.0 0.0 0 3.0 .F. .F. .F. 43370 ĉ ELETTO NON-REGULATED (WATER, OIL, COOLANT) 11/01/90 35079 308040 (E-1) 107 0 G.O.F. .F. .F. MLO100 MIXED OIL BSW 0% TO 12% 900 1.4 1.4 11/01/90 35080 409000 409000 107 MINED OIL BSW ON TO 12% 2100 0.2 0.2 0 0.0 .F. .F. .F. 11/01/90 35081 3 3500 0.0 0.0 0 6.0 .F. .F. .F. ULMICO NON HAZARDOUS MASTEMATER 11/01/30 35062 405000 107 107 MLOTTO CIL/WATER BSW 13% TO 30% 410 1640 20.0 0.0.F. .F. .F. 11/01/30 35083 9 0 9.0 .F. 5000 .F. .F. UL#200 BOPON WASTEWATER - NON HAZARGOUS 0 15.0 15.0 6 11/01/90 35084 404000 107 0 0.0 .F. .F. .F. MLOTOO MIXED OIL BSW OF TO 12% 1650 2.2 0.2

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Page No. 48 02/19/91 WASTE RECEIPTS PIER 91 GAL BS&W %SCL GALLONS OH PCB's Cr Phenol WASTE OIL GAL DATE RECEIPT GENERATOR MANIFEST HAULER WASTE WASTE TYPE STA TUS OIL TANK WASTE 107 MLO100 MIXED OIL BSW 0% TO 12% 1135 4.0 0.2 0 0.0 .F. .F. .F. 11/01/90 35086 3 107 0.0 .F. .F. .F. 1900 10.0 0.2 11/02/90 35087 3 MLO100 MIXED OIL BSW 0% TO 12% .F. .F. 11/02/30 35088 808050 A3391 ML0003 HAZARDOUS WASTE LIQUID/A10ILE/FP>=200 100 2.2 1.0 0 0.0 .F. DEG FIFTI ULW100 NON HAZARDOUS WASTEWATER NH N 2500 0 0.2 0.2 0 8.0 F. .F. .F. 11/02/90 35089 405000 ULWO13 HAZARDOUS WASTE LIQUID (#4TER,OIL) 0.0 0.0 0 3.0 .F. .F. .F. 110 A3438 5 11/02/90 35090 B03050 ALKALINE (8) 0 5.0 F. F. F. 1:1 ULWOID OILY WATER - NON HAZARDOUS CHEM. TREAT NH N 0.0 0.0 3 11/02/90 35091 9 COLD 5000 \$ 10.0 .F. 105 2.0 11/02/90 35092 A05000 405000 UL#100 NON mAZARDOUS WASTEWATER .F. .T. ELEITI NON-REGULATED (#4TEP.OIL.COOLANT) 5000 0.0 0.0 0 7.0 .º. 110 5 11/02/90 35093 A3373 PORTLNO (E-2) [8.5 .F. 103 .F. .F. 11/02/30 35034 A63000 A03000 ULW100 NON HAZARDOUS WASTEWATER 43457 409000 ULWO19 NON-REGULATED WASTE (WATER, DIL) 5000 11/02/90 35095 (F-2) 0.2 0 0.0 .F. , F. , F. 11/05/30 35095 9 3 ML0100 MIXED OIL BSW D% TO 12% 100 .1. .5. 107 MLOTGO MIXED OIL BSW 0% TO 12% 5- 4 0 0.0 .F. 3 11/05/30 35097 9 110 3900 0.0 0.0 0 9.0 .F. . ž. . ř. A3463 ELETIO NON-PEGULATED IMATER.OIL.COOLANT! 11/05/90 35098 805050 ô (E-1) 112 0.2 0.2 0 0.0 F. .F. .F. 11/05/90 35099 3 3 ML0100 MIXED OIL BS# 0% TO 12% 112 0.8 0.0 .F. , F. . F. 11/05/90 35100 9 9 MLC100 MIXED OIL BSW 0% TO 12% 0.8 MLO100 MIXED OIL BSW 0% TO 12% 427 40.0 0.2 0 0.0 .F. .F. .F. 0 11/06/30 35101 9 112 11/06/90 35102 9 9 MLO100 MIXED OIL BSW 0% TO 12% 2075 0.4 0.4 0 0.0 .F. .F. .F. ULW100 NON HAZARDOUS WASTEWATER A05000 1500 0.0 0.0 0 7,2,5, 105 11/06/30 35103 A05000 ELW105 NON-RCRA (WTR.OIL, GREASE-CONTAMINATED) 0.0 C 3.0 .F. .F. .F. 105 A3430 11/06/90 35104 B08020 6 F-2 105 ULW100 NON HAZARDOUS WASTEWATER 0.0 0 5.0 .F. .F. .F. 12 900 0.0 11/05/90 35105 12 .F. .F. 112 MLO100 MIXED OIL BSW 0% TO 12% 2100 4.0 0 0.0 .F. 11/06/90 35106 9

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DATE	PECEIPT	GENERATOR	MANIFEST	HAULER	KASTE	WASTE TYPE	STA	TUS	GAL WASTE	GAL	B\$1W	*SOL	GALLONS	oH PC9's	Cr	Phenol	WASTE	TANK
11/05/30	35107	3		3	M10196	MIXED CIL BSW CN TO 12%	NH	N	0	2100	0.4	5.4	0	0.0 .F.	,F.	.F.		112
11/06/90	35108	M16000		3	ML0100	MIXED OIL BEW ON TO 12%	NH	N	0	883	8.0	0.4	0	0.0 .F.	.F.	.F.		D
11/06/90	35109	9		3	ML0100	MIXED OIL BEW DA TO 12%	ИН	N	0	2050	10.0	0.2	C	0.0 .F.	٠, ۶ ,	.F.		D
11/05/30	35110	3		3	ML0100	MIXED OIL BSW 0% TO 12%	NH	N	0	2150	1.0	0.2	0	0.0 .F.	.F.	.F.		112
11/07/90	35111	808050	A3486	5	ULWC12	NON-RESULATED (WATER.OIL, SOAP) (E-1)	DW		5000	0	0.0	0.0	0	3.0 .F.	.۶.	,F.	М	
11/07/90	35112	A09000		A03000	ML0100	MIXED DIL BSW D% TO 12%	NH	N	0	1075	1.4	0.2	0	0.0 .F.	, F .	.F.		112
11/07/90	35113	9		3	ML0100	MIXED DIL BEW DA TO 12%	NH	N	0	2050	0.4	0.4	Į.	0.0 .F.	, ? .	.F.		112
11/07/30	35114	M16000		9	¥10106	MINED OIL BEN DN TO 12%	NH	N	0	260	2.0	6.6	ů	0.0 .F.	٠Ē.	.F.		112
11/07/30	35115	9		3	410100	MIXED OIL BS# 0% TO 12%	NH	N	0	2100	0.2	0.2	¢	0.0 .F.	.F.	.F.		112
11/07/30	35116	308080	A3472	ô	ELĒTĪT	NON-REGULATED (WATER.CIL.COOLANT) PORTUND (E-2)	DA		5000	0	0.0	0.0	ē	7.6 .F.	.F.	.1.	н	
11/07/30	35117	P07500		907600	ULW100	NON HACARDOUS WASTEWATER	Ŋie	N	7917	0	0.0	0.0	Ş	:.0 .F.	٠£.	, ± ,	111	
11/07/30	35118	3		}	4[010]	MIXED CIL BSA IN TO 12%	143	N	ū	2050	3.0	0.4	0	0.0 .F.	.۶.	.F.		112
11,07,90	35119	104000		÷	JL#100	BOPON #4STEWATER - NON H424PBOUS	1,5	N	5000	0	0.0	0.0	0	8.0 .F.	.F.	.F.	J	
11/07/30	35120	3		:	v[0:0[MIXED DIL BSA CN TO 19N	'v#	N	0	1600	4.6	1.9	6	0.0 .F.	.F.	.F.		112
11,07/30	35121	3		3	MC0100	MINED DIL BEW DN TO 12%	SH	N	0	2100	1.8	0.2	0	0.0 .F.	.F.	.F.		112
11/08;30	35122	409000		403000	ELE100	EMULSIFIED CIL-MACHINE COCLANT (NON HAZARDOUS)	NH	N	500	Û	0.0	0.0	0	7.0 .F.	٠٢.	.F.	110	
1:/08/90	35123	9		3	410100	MIXED OIL BSW OW TO 12%	NH	N	0	2000	8.0	6.2	0	0.0 .F.	.F.	.F.		110
11/08/90	35124	808050	A3473	Ē	ELE171	NON-REGULATED (WATER.OIL.COOLANT) PORTLND (E-2)	DW		4300	0	0.6	0.0	0	5.0 .F.	.F.	.1.	110	
11/08/30	35125	3 -		1	ML0100	MIXED OIL BSW ON TO 12%	NH	N	0	2450	0.2	9.2	0	0.0 .F.	.F.	.F.	112	
11/08/90	35126	9		3	PL0106	MIXED OIL BS# 3% TO 12%	NH	N	0	2000	2.8	0.2	0	0.0 .F.	.۶,	.F.		107
11/08/30	35127	808040	A3451	£	ELE:10	NON-REGULATED (WATER,OIL,COOLANT) (E-1)	DW		2400	0	0.0	0.0	0	9.0 .F.	.F.	.F,	110	
11/08/30	35128	409000		409000	ML0100	MIXED OIL BSW C% TO 12%	NH	N	0	1100	6.0	0.4	0	0.0 .F.	.F.	.F.		112

WASTE RECEIPTS PIER 31

Page No. 02/19/91								MASTE F	ECEIPTS									
DATE	RECEIPT	GENERATOR	MANIFEST	HAULER	WASTE	WASTE TYPE	STA	TUS	GAL MASTE	GAL OIL	ES&W	¥30L	GALLONS	pH PCB's	Cr	Phenol	WASTE TANK	OIL TANK
11/03/90	35129	309050	A5092	Ē	ULW009	NON-REGULATED (ATR.OIL, SOAP CONTAMINATED) F-2	9¥		5000	G	0.0	0.0	0	5.0 .F.	Æ,	.F,	111	
11/09/90	35130	808050	45093	6	ULW009	NON-REGULATED INTR.OIL.SCAP CONTAMINATED) F-2	ĐΧ		5000	0	0.0	6.0	. 0	5.0 .F.	.F.	.F.	111	
11/09/90	35131	P23000		ŝ	KF0100	MIXED OIL BEW CW TO 12%	He	Ŋ	ū	6000	1.5	1.3		0.0 .F.	,÷,	.F.		112
11/03/90	35132	3		3	ML0100	MIXED DIL BS# D% TO 12%	NH	5	Ū	2050	2.0	0.2	ô	0.0 .F.	.F.	.F.		112
11/09/30	35133	3		3	MEC100	MEXED OIL BEW ON TO 12%	NH	N	0	1570	5.6	5.4	Ü	0.0 .F.	, , ,	,F.		112
11/03/90	35134	V04000		6	ULW200	BORON WASTEWATER - NON HAZARDOUS	No.	N	5665	0	8.0	8.0	ē	3.0 .F.	٠,۶.	.F.	K	
1/09/90	35135	3		3	M10100	MIXED DIL BOW DR TO 12%	NH	Y	Ó	2450	1.:	0.2	ŷ	0.0 .F.	,÷,	. F .		112
1/03/30	35136	9		3	M.0130	MIXED CIL BSW CR TO 12%	N.E	S	٥	2000	ζ.2	0.2	٤	C.C.F.	÷.	,÷,		112
1/09/90	35137	P23000		ŝ	ML0100	MIXED DIL BSW DW TO 12%	NA	Y	0	5066	0.8	€.5	ŝ	0.0 .F.	, ž.,	.÷.		112
1/03/90	35138	9		3	410.00	MIXED OIL BSW CR TO 12%	!;=	R	0	2078	8.6	0.4	0	C.G .F.	.F.	.F.		112
1/09/90	35139	465000		405000	ULW:00	NON HADARGOUS MASTEMATER	NH	li,	2500	Ç	1.3	3.3	Š	5.0 JF.	٠٠.	.F.	117	
1/03/30	35149	B08050	13523	•	U.#003	NON-REGULATED LATE, OILLEDAR CONTAMINATED) R-2	0*		8856	:	* *	LC	Ç.	E	,t,	.ř.	:55	
1/09/90	35141	3		3	410100	MIXED GIL BSA CR TO 13%	1,-	ħ.	÷	1430	2.0	0.2	٤	0.0 .F.	٤.	٠.٠		112
1/09/90	35142	A05000		AC 5000	UL#100	NON HAZARDOUS WASTEWATER	No.	',	300	ð	0.0	1.1	į.	7.0 .F.	.F.	.F.	112	
1/09/90	35143	808656	A3530	ő	ULM363	NON-REGULATED LATE, SIL, SOAP CONTAMINATED, F-2	0.6		5000	Ĉ	5.0	0.0	0	£.0 .F.	.£.		165	
1/12/90	35144	N05500		å	UL*100	NON HAZARDOUS MASTEMATER	Nn	N	600	0	0,5	6.6	5	5.5 .F.	٠٠,	٠.٠	105	
1/12/30	35145	9		3	ML0100	MIXED DIL BSW D% TO 12%	NH	N	0	1900	0.8	0.8	9	0.0 .F.	,f,	, F .		F
1/12/90	35146	808010	A3540	5	ULW013	NON-REGULATED WASTE (WATER.OIL)	DW		5000	Û	0.0	0.0	C	8.0 .F.	,F.	,F,	105	
1/12/30	35147	3		3	KF0100	MIXED OIL BSW ON TO 12%	NH	14	č	2050	1.0	5.3	2	C.: .F.	۶,	,÷,		r.
1/11/90	35148	A05000		A05000	ULW100	NON HAZARDOUS WASTEWATER	NH	S	3300	C	6.6	1.7	Ç	5.2 .F.	, ē ,	,F,	C	
1/12/90	35149	A05000		405000	UL¥100	NON HAZARDOUS WASTEWATER	NH	4	2900	Ĉ	0.0	0.0	0	5.6 .F.	,F,	,r.	C/G	
1/12/90	35150	808010		6	ULW013	NON-REGULATED WASTE (WATER.OIL) (F-2)	DW		1000	0	0.0	0.0	5	5.0 .5.	,Ē,	,F.	105	

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02/19/91)	ASTE R	ECEIPTS 91									
DATE	RECEIPT	GENERATOR	MANIFEST	HAULER	WASTE CODE	WASTE TYPE	STA	TUS	GAL WASTE	GAL OIL	BS\$¥	%SOL	SALLONS	pH PCB's	Cr	Phenol	WASTE TANK	OIL TANK
11/12/30	35151	A05000		405000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	5000	0	0.5	0.5	0	5.0 .F.	.F.	.۶.	109	
11/13/90	35152	9		1	MLG100	MIXED DIL BSW ON TO 12%	NH	ñ	0	2075	12.0	0.4	0	0.0 .F.	.F.	.F.		9
11/13/90	35153	A05000		405000	UL¥100	NON HAZARDOUS WASTEWATER	NH	k	5000	0	1.0	1.0	9	5.0 .F.	.F.	.F.	111	
11/13/90	35154	V04000		6	ULW200	BORON WASTEWATER - NON HAZARDOUS	NH	N	5000	0	15.0	15.0	0	9.0 .F.	.F.	.F.	C	
11/13/90	35155	A05000		A05000	ULW100	NON HAZARDOUS WASTEWATER	58	N	5000	0	0.0	0.3	0	5.0 .F.	.F.	.F.	111	
11/13/90	35156	9		3	ME0100	MIXED OIL BSW OW TO 12%	ХH	N	1025	0	4.0	0.2	5	0.0 .F.	.۶.	.F.	112	
11/13/90	35157	3		÷	ML0100	MIXED OIL ESW IN TO 12%	NH	H	0	2000	1.0	1.0	0	3.0 .F.	.۶.	,F.		112
11/13/30	35156	9		3	V_0100	MIXED DIL 85% 0% TO 12%	N 7	N	Ü	2006	3.0	0.2	2	0.0 .F.	.F.	.F.		112
11.13/30	15153	405000		40,5000	JE#190	NON HAZARDOUS WASTEWATER	NF.	N	4000	Ō	0.0	0.0	0	5.0 .7.	.F.	.F.	111	
11 13.3	35160	366660	43538	ā	ELE171	NON-REGULATED (WATER, OIL, COOLANT) PORTLNO (E-2)	O'A		5000	ô	\$.\$	0.0	Į.	7.3 .5.	.Ē.	.1.	ñ	
****14/3	35181	3		?	MIC+10	MIXED CIL BSW CN TO 12N	1,-	N	2	2375	12.0	0.2	Ü	0,0 .F.	.F.	,÷,		J
11-14/30	35162	308076	4356:	Ė	M_02:3	NON-PERULATO LAXTER/DIESEL FLASH 140F-210F/ F-1	Ûĸ		5000	9	0.2	0.2	0	€.€ .F.	,÷,	.F.	112	
11:14/9	0 35163	308671	43571	ŧ	MC03:3	NON-REGULATO - AATER, DIESEL FLASH 140F-200F) F-1	Ş¥.		5000	ŝ	0.2	0.2	0	0.0 .5.	.F,	, ۶ ,	112/F	
11/14/3	0 35184	303045	4355€	ŝ	JE#813	AON-REGULATED (WATERLOTE.SOAP) (E-1)	ŪΧ		3000	C	0.0	0.0	9	7.0 .F.	,F.	,F,	110	
11/14/3	0 35165	¥18000		ŧ	ULW105	DIL IN HOH BSW : 85% THERM CHEM TREAT	NH	'n	3000	3	0.0	0.0	0	5.0 .F.	.F.	.F.	111	
11/14/3	0 35166	405000		A05000	05*:00	NON HAZARDOUS WASTEWATER	NH	N	5000	0	0.0	0.0	0	5.0 .F.	.F.	.F.	111	
11/14/3	0 35167	B08070	43562	ŝ	ME0213	NON-REGULATO (WATER/DIESEL FLASH 140F-200F) F-1	₿₩		5000	0	0.2	0.2	0	0.0 .F.	,۴,	.F.	164	
11/14/9	0 351634	309075	13573	405000	410213	NON-REGULATO (WATER/DIESEL FLASH 140F-200F) 5-1	D¥		4500	0	10.0	0.2	0	0.0 .F.	.F.	.F.	164	
11/14/3	0 35:66B	808070	A3579	A05000	ULWO19	NON-REGULATED WASTE (WATER, OIL) (F-2)	DW		500	0	10.0	0.2	0	0.0 .F.	.F.	.F.	164	
11.14/3	0 35163	308050	A3574	f	ELE110	NON-REGULATED (WATER.OIL.COOLANT) (E-1)	Đ¥		3800	0	0.0	0.0	0	8.0 .F.	,F.	.F.	l	
11/14/3	0 35170	R07500		409000	ELE100	EMULSIFIED OIL-MACHINE COOLANT (NON HAZARDOUS)	NH	N	2400	0	0.0	0.0	0	3.0 .F.	,F,	.F.	J	

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Page No. 52 02/19/91 WASTE RECEIPTS PIER 91 pH PCB's Cr Phenol WASTE OIL RECEIPT GENERATOR MANIFEST HAULER WASTE WASTE TYPE STA TUS GAL GAL BS&W %SOL GALLONS TANK TANK WASTE OIL FLEIGG EMULSIFIED OIL-MACHINE COOLANT (NON 800 0.0 C 8.0 .F. .F. .T. 11/14/30 35171 K08500 HAZARDOUS) 1500 0.0 0 0.0 .F. .F. .F. 164 11/15/90 35172 m08070 A3585 5 MLG23 0.0 A3584 ELXO49 NON-PEGULATED (WATER, SKYDROL, OIL) 0.0 0 8.6 .F. .F. .F. 154 11/15/30 35173 B08045 (E-1) ULW100 NON HAZARDOUS WASTEWATER NH 1300 0 0.0 9.0 0 8.0 .F. 105 11/15/90 35174 L08000 154 A3524 NON-REGULATED (WATER.OIL.COOLANT) 0.0 0.0 0 9.0 .F. .F. .F. 11/15/90 35175 B08040 (E-1) ELETTI MON-REGULATED (WATER JIL COOLANT) 5000 0.0 0 1.0 .F. 7. P. 164 43560 11/15/90 35176 308060 PORTIND (F-2) 105 ULW105 CIL IN HOH BSW > 35% THERM CHEM TREAT :350 0.0 9 5.0 .F. 6 NH N 11/15/90 35177 #15000 105 5000 1.0 1.0 0 7.0 .5. 11/15/30 35178 A05000 A05000 ULM 100 NON HAZAPDOUS WASTEWATER NH N 110 ULW012 NON-REGULATED (WATER, DILUSDIP) 0 8.0 .F. .F. .F. 11/15/90 35179 808050 A3580 6 15-1 MUDGIS NON-REGULATED WASTE CHINEPAL DILL BE-11 DW 1 1.0 .5. .F. .F. 43893 11/15/90 35180 308000 4,4101 5 5.0 .F. 405500 ULW100 NON HAZARDOUS WASTEWATER Y = Y 0.0 11/15/90 35181 N05500 11: 403000 ULMIDO NON HAZARDOUS WASTEWATER NE K 0.0 .F. .F. 11/16/90 35152 ELXO49 NON-REGULATED (WATER SAYDROL.OIL) 0% 350 0.6 0.6 € 8.5 .F. .F. .F. 11/16/30 35183 808020 A3568 (E-1) 0.2 0.0 .F. .F. .F. 34 1.0 11/13/30 35184 3 ML0100 MIXED DIL BSW 0% TO 12% NH. N 1850 6.0 0.2 0 9.0 .7. .F. .F. 94 11/13/30 35135 ML0100 MIXED OIL BSW 0% TO 12% 164 ELEIDO EMULSIFIED OIL-MACHINE COOLANT (NON 0.0 0 7.0 .F. .F. .F. 11/19/90 35186 M00550 HAZARDOUS) 1.0 5.2 0 - 0.6 .F. .F. .F. 34 ML0100 MIXED OIL BSW 0% TO 12% 11/19/90 35187 3 9 105 ULW100 NON HAZARDOUS WASTEWATER 0.6 C 5.0 .F. , F. , F. A05000 11/19/90 35188 405000 165 5000 0.0 0 5.0 .F. .F. .F. NH : A05000 ULMIGG NON HAZAPDOUS WASTEWATER 11/19/90 35189 A05000 34 ML0009 HAZARDOUS WASTE LIQUID/AIGILE/FP = 200 1350 0.4 5.4 0 0.0 .F. .F. .F.

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WASTE RECEIPTS PIER 31 WASTE OIL STA TUS GAL GAL BS&W %SOL GALLONS pH PCB's Cr Phenol DATE RECEIPT GENERATOR MANIFEST HAULER WASTE WASTE TYPE TANK TANK MASTE OIL CODE 5000 0.0 0.0 0 9.0 .F. .F. .F. NH N 5 ULW200 BORON WASTEWATER - NON HAZARDOUS 11/19/90 35191 V04000 0 0.0 .F. 94 .F. .F. 2500 2.0 0.2 MLO100 MIXED OIL BSW 0% TO 12% 11/13/30 35192 3 9 0 5.0 .F. .F. .F. 110 500 0 5.0 5.0 11/19/90 35193 B03010 A3608 6 ML0004 N 94 0 0.0 .F. ML0100 MIXED OIL BSW 0% TO 12% NH N 2450 0.4 0.4 .F. .F. 11/19/90 35194 9 9 34 0 0.0 .F. .F. .F. 2500 0.4 0.4 ML0100 MIXED OIL BSW 0% TO 12% 9 11/19/90 35195 9 34 NH N 2050 4.0 0.2 0 0.0 .F. .F. .F. 3 ML0100 MIXED OIL BSW 0% TO 12% 11/19/90 35195 9 0 3.0 .F. .F. .F. ELE100 EMULSIFIED OIL-MACHINE COOLANT (NON 2400 0.0 0.0 A09000 11/19/30 35137 R07500 HAZARDOUS 1 94 5000 0 1.6 0.2 0 0.0 .F. .F. .F. ML0105 MIXED OIL 385% BSW THERM CHEM TREAT DA N 11/20/30 35198 P28200 07931 5 .F. .F. 103 0 7.4 F. ULW100 NON HAZARDOUS WASTEWATER NH N 5000 0.0 0.0 11/20/90 35199 A05000 A05000 5000 0.0 0.0 0 7.0 .F. 04 11,20/90 35200 908060 43601 6 ELETT: NON-REGULATED (WATER.DIL.COOLANT) PORTLND (E-2) 0 0.0 .F. .F. .F. 31 2160 -2.6 0.2 9 MLONGS MIXED OIL BSW ON TO 12% 44 % 11.20/90 35201 3 34 0 0.0 .F. .F. .F. ML0100 MIXED OIL BSW C% TO 12% NH N 2000 7.0 0.2 3 11/20/30 35202 9 34 0 0.0 .F. .F. .F. MH h 2200 0.2 0.2 9 ML0100 MIXED OIL BSW 0% TO 12% 11,20/90 38203 9 3200 0.0 0.0 0 7.0 .F. .F. .F. NH N 405000 ULW100 NON HAZARDOUS WASTEWATER 11/20/90 35204 A05000 0 10.8 .F. .F. .F. 164 DW 20 0.0 0.0 ULWO19 NON-REGULATED WASTE (WATER, OIL) 809050 43621 6 11/20/90 35205 (F-2) 0 7.0 .F. .F. .∓, NH N 2750 0.0 0.0 ULW100 NON HAZARDOUS WASTEWATER 11/20/90 35205 A05000 A05000 0 7.0 .F. .F. .F. 109 ULW100 NON HAZARDOUS WASTEWATER 500 0 0.2 0.2 103000 103000 11/20/90 35207 94 0 0.0 .F. .F. .F. NH N 0 2200 1.6 0.1 11/20/90 35208 9 3 ML0100 MIXED OIL BSW 0% TO 12% 164 ELETIO NON-REGULATED (WATER.OIL.COOLAHT) 0 7.0 .F. .F. .F. 43635 2000 0.0 0.0 11/21/90 35209 808040 (E-1) ULW105 - CIL IN HOH BSW > 55% THERM CHEM TREAT NH 5000 0 65.0 0.2 0 0.0 .F. .F. .F. 112 11/21/90 35210 P28200 07332 5 114 2450 1.6 0.2 0 0.0 .F. .F. .F. MLO100 MIXED OIL BSW 0% TO 12% 3 11/21/90 35211 3 1500 4.0 4.0 7.6 .F. .F. .F. 109 NON HAZARDOUS WASTEWATER A05000 A05000 ULW100 11/21/90 352:2 0 9.0 .F. .F. .F. NON-REGULATED (WATER, OIL, SOAP) 5000 0.0 0.0 43523 11/21/90 35213 908050 (E-1)

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Page No. 54 02/19/91 WASTE RECEIPTS PIER 91 RECEIPT GENERATOR MANIFEST HAULER MASTE WASTE TYPE STA TUS GAL GAL BS&W %SOL GALLONS OF PCB's Cr WASTE TANK TANK 11/21/30 38314 OIO VOID VOID VOID 0.0 0.0 0 0.0 .F. .F. .F. VOID OIOV 11/21/90 35215 9 3 ML0100 MIXED OIL BSW 0% TO 12% 2200 2.3 0.2 0.0 .F. .F. .F. 114 11/25/30 35216 V03080 J03400 MLC100 MIXED OIL BSW G% TO 12% 4535 12.0 0.2 0 0.0 .F. .F. .F. 107 11/26/30 35217 ULW100 NON HAZARDOUS WASTEWATER NH N 500 0.0 0 5.0 .F. .F. .F. 11/26/30 35218 803000 A3662 ULWO20 NON-REGULATED WASTE (WATER.OIL) DX 2000 0 0.0 0.0 G 5.0 .F. .F. .F. [E-1] 11/26/30 35213 P28260 01993 ŝ ULW105 OIL IN HOH BSW > 85% THERM CHEM TREAT 5000 0 52.0 0.2 0 0.0 .7. .F. .F. 112 11/26/90 35220 V04000 ULW200 BORON WASTEWATER - NON HAZARDOUS 5 88 N 5000 0 7.0 7.5 3.0 .F. .F. .F. 11/26/90 35221 308080 43665 E ELETTI NON-REGULATED IMATER, CIL, COCLANT 34 5000 0.0 1.0 .7. .F. .T. 110 PORTLNO :E-21 11/26:30 35222 405000 A05000 ULW100 NON HIZIPDOUS WASTEWITER .F. .F. 110 0 MFO.00 MIXED OIF BRM C# 10 45# 4-2450 1.0 ,F. ,F. 114 11/28/90 38224 9 ML0100 MIXED DIL BEW ON TO 12% 1200 0.2 i.i., i.i., 114 11/25/30 38228 409000 109000 ULMICE OIL IN HOM BEN I BEN THERM CHEM TREET 0.0 € 7.0 .F. .5. .5. 116 11/25/30 38228 43681 ULWO12 HON-REGULATED (WATER, OIL, SOLE 3700 8 3.1 .F. .ř. .ř. 110 11/26/90 35227 3 MLOTCO MIXED OIL 95W C% TO 12% No N 0.0 .F. 0.3 .f. .f. 111 11/26/30 35223 103000 ULW100 NON HAZARDOUS WASTEWATER 0.0 0.0 0 7.0 .F. 111 11/26/30 35229 AOSCOC A05000 ULW100 NON HAZARDOUS WASTEWATER NH N 5000 0 5.0 .F. .F. .F. 0.0 11/27/90 35230 K02500 ELETOC EMULSIFIED OIL-MACHINE COOLANT NON 5000 0.0 0.0 0 7.0 .F. .F. .F. HAZARDOUSI 11/27/90 35231 A05000 ACSCOC ULWIDG NOW HAZARDOUS WASTEWATER 10 N 5000 2.0 0.0 .F. .F. .F. 3 11/27/90 35232 ULWIDE NON HAZARDOUS WASTEWATER 405000 A05000 5000 0.0 2.0 , F. , F. 8/E 11/27/90 35233 P23200 5 UL#105 OIL IN HOH BSW - 35% THEFM CHEW TREAT 0 20.0 2.0 C 0.0 .F. ,F. ,F, :12 11/27/90 35234 900605 43638 ULW019 NON-REGULATED WASTE : WATER. DI. ô 900 0.5 6 7.0 .F. .F. .F. 105 (F-2)

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11/29/90 35256 9

WASTE RECEIPTS PIER 31 WASTE OIL RECEIPT GENERATOR MANIFEST HAULER WASTE WASTE TYPE STA TUS GAL GAL BS&W %SOL GALLONS oH PCS's Cr Phenol WASTE OIL CODE 2000 0.2 0 0.0 .F. .F. .F. 112 7.0 11/27/30-35236 9 9 MLO100 MIXED OIL BSW 0% TO 12% 105 ELWO14 NON-REGULATED WASTE (WATER, OIL, JET FUEL) DW 5000 0.0 0.0 0 5.0 .F. .F. .F. 11/27/90 35237 908045 A3702 ô 105 ELWO14 NON-REGULATED WASTE (WATER.OIL.JET FUEL) DW 5000 0 0.0 0.0 0 5.0 .F. .F. .F. 11/27/90 35238 808045 A3703 6 (F-2) 114 .F. .F. 11/27/90 35239 3 3 MLO100 MIXED OIL BSW 0% TO 12% 3.0 0 0.0 .F. 105 5000 0 5.0 .F. .F. .F. 11/27/90 35240 808045 A3704 ELWO14 NON-REGULATED WASTE (WATER, OIL, JET FUEL) DW 0.0 0.0 (F-2)A3705 ELWO14 NON-REGULATED WASTE (WATER, OIL, JET FUEL) DW 5000 0.0 0.0 0 8.0 .F. .F. .F. 105 11/27/90 35241 808045 ŝ (F-2) 5.0 0.2 2 6.8 .5. , F. . . F. 114 C20400 ML0100 MIXED OIL BSW 0% TO 12% 11/27/90 35242 020400 350 7.0 0.1 0 0.0 .F. .F. .F. 114 9 ML0100 MIXED OIL BSW 0% TO 12% 11/27/90 35243 3500 0 0.0 0.0 0 9.0 .F. JF. .T. A3708 6 ELETTO NON-REGULATED (WATER.OIL, COOLANT) 11/28/96 35244 808050 (E-1)1:4 5183 0 5.0 1.0 J. J. 11/28/90 35245 P28200 5 ULWIGS OIL IN HOH BSW > 35% THERM CHEM TREAT NH N 0 0.0 F. 114 3 MLO100 MIXED OIL BSW 0% TO 12% NH N 2150 2.3 0.2 .F. .F. 11/28/90 35246 9 5 (L.) .F. 1:4 , F. . . F. 11/28/90 35247 9 9 ML0100 MINED OIL BSW 0% TO 12% 1,11 3.0 0.2 ELEIDO EMULSIFIED CIL-MACHINE COCLANT (NON 650 0.0 0.0 .F. .T. 11/28/90 35243 M03100 HAZARDOUS; 2400 0.2 0.2 0 (.9 .F. ,F. ,F. 114 11/28/90 35249 9 3 ML0100 MIXED OIL BSW 0% TO 12% 735 0 7.0 .F. .F. .F. 109 NON HAZARDOUS WASTEWATER 0.0 0.0 11/28/90 35250 9 ULW100 5000 0.0 0.0 0 5.0 .F. .F. .F. A05000 ELE100 EMULSIFIED OIL-MACHINE COOLANT (NON 11/28/90 35251 C31030 HAZARDOUS) 1300 0 1.1 .F. .F. .F. 110 12 ULW105 OIL IN HOH BSW > 85% THERM CHEM TREAT NH N 0 4.0 4.0 11/29/90 35252 ELE100 EMULSIFIED OIL-MACHINE COOLANT (NON 500 0.0 0.0 0 7.0 .F. .F. .F. 1:0 11/29/30 35253 K05500 6 HAZARDOUS) A05000 ULW100 NON HAZARDOUS WASTEWATER 5000 0.0 0.0 0 5.5 .F. .F. .F. 110 11/29/90 35254 A05000 5118 0 5.0 1.0 0 0.0 .F. .F. .F. 94 ULW105 OIL IN HOH BSW > 85% THERM CHEM TREAT 11/29/90 35255 P28200

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ML0100 MIXED OIL BSW 0% TO 12%

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Page No. 56 02/19/91 WASTE RECEIPTS PIER 31 DATE RECEIPT GENERATOR MANIFEST HAULER WASTE WASTE TYPE STA TUS GAL GAL BSSW %SOL GALLONS pH PCB's Cr Phenol WASTE OIL TANK MASTE TANK :1/29/90 35257 B03040 A3657 ELETIS NON-REGULATED (WATER.OIL.COOLANT) 2500 0.0 0.0 0 7.0 .F. .F. .F. (E-: 11/29/90 35258 3 3 MIG100 MINED OIL BSW IN TO 12% 2450 12.0 0.2 0 0.0 .F. .F. .F. 112 11/23/30 35259 3 MLOICE MIXED OIL BEW C% TO 12% 2050 3.0 0.2 0 0.0 .F. .F. .F. 114 114 11/30/90 35250 3 ML0100 MIXED OIL BSW 0% TO 12% 2025 1.2 0.2 0 0.0 .F. .F. .F. 11/30/30 35261 P28200 ULW165 OIL IN HOH BSW > 85% THERM CHEM TREAT 5146 0 1.0 1.0 0 0.0 .F. .F. .F. 34 V04000 ULW200 BORON WASTEWATER - NON HAZARDOUS 5000 0 24.0 24.0 0 9.0 .F. .F. .F. 11/30/30 35252 0.0 0 8.0 .F. .F. .F. 111 11/30/90 35263 L08000 ULW100 NON HAZARDOUS WASTEWATER 88 8 1400 11/30/90 35254 12 12 ULWICC NON HACAPDOUS WASTEWATER Nº4 4 0.0 0 1.0 .F. .F. .F. 111 43684 ELETTI NON-REGULATED (WATER, GIL, COCLANT 0 7.0 .F. 110 11/30/20 35285 308080 .F. .F. PORTLNO (E-2) 11/30-30 35266 3 ? MEDICO MINED DIE BSW ON TO 12% 0 0.0 .F. .F. .F. :12 1000 0.2 34 11/31/96 35287 3 MIGGO MIXED OIL BEW CA TO 12% 0.0 .F. .F. .F. 11,30/90 35258 408000 105000 MIGNES WINED DIL BEW IN TO 18% 0 0.0 .F. .F. .F. 94 42755 CLACTE NON-RESULATED A4STE WHTER.COL 11/36/90 35269 308045 8.0 .F. .F. .F. 11/30/90 35270 031030 ELETOD EMULSIFIED DIL-MACHINE CODLAND NON 5000 0 8.0 .F. .F. .F. 12,03/90 35271 9 3 MLC100 MINED OIL BSW DK TO 12% 2300 8.0 €.6 0.0 .F. .F. .F. 112 12/03/90 35272 808050 43753 ô ULWO12 NON-REGULATED . WATER . CIL. SCAP : 0.0 0 8.0 .F. .F. .F. (E-1) 12 03/90 35273 P28200 01336 6 UERICS OIL IN HOW BOW SER THERM CHEM TREAT 1631 0 1.0 0 0.0 .F. .F. .F. 12/03/90 35274 405000 405000 ULASCE NON HAZARDOUS WASTEWATER 0.0 0.0 0 7.0 .F. .F. .F. MEDICO MIXED DIL BSW DA TO 12% 114 12/03/90 35275 3 3 2075 3.0. ,F. ,F. 0.2 0 0.0 .F. 12:03/90 35276 808060 43756 ELETT: NON-REGULATED (WATER, OIL, COOLANT) 4500 0.0 0.0 0 8.0 .F. .F. .T. M/L POPTLND (E-2) 114 12/03/96 35277 A09000 409000 MLD100 MIXED DIL BSW 2% TO 12% 860 6.0 6.0 0 0.0 .F. .F. .F. 12/03/90 35278 9 MLOTIS OIL/WATER BSW 13% TO 36% 2000 16.0 0.2 0 0.0 .F. .F. .F. 112

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WASTE RECEIPTS PIER 31 DATE RECEIPT GENERATOR MANIFEST HAULER STA TUS WASTE WASTE TYPE GAL GAL BS&W %SOL GALLONS OH PCB's Cr Phenol WASTE OIL WASTE CODE OIL TANK TANK 12/03/90 35279 A09000 AG 3000 ELEIDO EMULSIFIED OIL-MACHINE COOLANT (NON 200 0 0.0 0.0 0 7.0 .F. .F. .F. HAZARDOUS) 12/03/90 35280 F05650 F05550 ML0100 MIXED OIL BSW 0% TO 12% 0 100 0.0 0.0 0 0.0 .F. .F. .F. 114 12/04/90 35281 9 9 ML0100 MIXED CIL BSW 0% TO 12% 0 2150 0.0 0.0 0 0.0 .F. .F. .F. 114 12/04/90 35282 A05000 A05000 ULW100 NON HAZARDOUS WASTEWATER 3700 0 0.0 0.0 0 7.0 .F. .F. .F. 111 12/04/90 35283 B08040 A3763 ELE110 NON-REGULATED (WATER, OIL, COOLANT) 1500 0.0 0 8.0 .F. .F. .F. (E-1) 12/04/90 35284 P25200 07399 ULW105 OIL IN HOH BSW > 85% THERM CHEM TREAT 4811 0 0.0 0.6 0 0.0 .F. .F. .F. 94 12/04/30 35285 43757 ELETT NON-REGULATED (WATER, OIL, COOLANT) 390808 5 0.0 0.0 5 8.0 .F. .F. .T. 110 PORTLND (E-2) 12,04,30 35286 3 ML0100 MIXED OIL BSW C% TO 12% 0 2000 7.0 0.6 0.0 .F. .F. .F. 112 12,04/90 35267 ML0100 MIXED OIL BSW C% TO 12% 1700 1.2 0.2 0 0.0 .F. .F. .F. 114 12/04/90 35288 306010 43750 ULWORD NON-REGULATED WASTE (WATER, DIL) 1300 0.0 0.0 0 1.0 .F. ,F. .F. E-1) 12 (4/90 35259 3 ML0100 MIXED OIL BSW 0% TO 12% 0 NH N 2000 0.5 0.8 0 0.0 .F. .F. .F. 12/04/30 35290 ML0100 MIKED OIL BSW 0% TO 12% No N 1400 5.0 0 0.0 .F. 0.2 .F. .F. 114 12.04/90 35291 807450 ELETIC EMULSIFIED OIL-MACHINE COCLANT FROM 5000 0.0 0 8.0 .F. .F. .F. 164 HAZAPDOUS) 12/04/90 35292 L08000 108600 ULMISS NON HAZARDOUS WASTEWATER 1600 0 60.0 0.0 0 7.3 .F. .F. .F. 107/105 13/04/90 35293 9 ULW100 NON HAZARDOUS WASTEWATER 1300 0.0 0 5.0 .F. .F. .F. 105 12,05/90 35294 K05500 ELE:00 EMULSIFIED OIL-MACHINE COOLANT (NON 600 0.0 0.0 0 7.0 .F. .F. .F. HAZARDOUS) 12/05/90 35295 405000 A05000 ULW100 NON HAZARDOUS WASTEWATER NH N 220 0 30.0 0.0 .F. .F. .F. 112 12/05/90 35296 P22220 08000 ULW105 OIL IN HOH BSW : 85% THERM CHEM TREAT 5000 0 2.0 2.0 .F. .F. 0 0.0 .F. 34 12/05/90 35297 MLO:00 MIXED OIL BSW 0% TO 12% 2000 8.0 0.6 0 0.0 .F. .F. .F. 112 12/05/90 35298 ML0100 MIXED OIL BSW 0% TO 12% 0 2200 0.6 0.6 0 0.0 .F. .F. .F. 114 12/05/90 35299 ML0100 MIXED OIL BSW 0% TO 12% 2450 10.0 112 0.6 0 0.0 .F. .F. .F. 12/05/30 35300 B08050 A3797 ELE110 NON-REGULATED (WATER, OIL, COOLANT) 3500 0.0 0.0 0 9.0 .F. .F. .T.

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DATE R	ECEIPT	GENERATOR	MANIFEST	HAULER	WASTE CODE	WASTE TYPE	STA	TUS	GAL WASTE	GAL OIL	BSIW	% 50L	GALLONS	pH PCB's	Cr	Phenol	WASTE TANK	OIL TANK
12/05/90 3	5301	A05000		A05000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	5000	0	0.0	0.0	0	7.2 .F.	.F.	.F.	105	
12/05/90 3	5302	308010	43780	6	ELW197	NON-RCRA (WTP,OIL,GREASE-CONTAMINATED)	DW		2600	0	0.0	0.0	0	5.0 .F.	,F.	,F,	Я	
12/05/90 3	5303	;	17749	5	ELW104	WATER WYPHENOL - NON-RCRA WASTE LIGUID	DW		4500	Ğ.	0.0	0.0	0	0.0 .F.	.۶.	.1.	L	
12/05/90 3	5304	9		3	ML0100	MIXED OIL BSW OX TO 12%	ĸн	N	0	1300	0.2	0.2	0	0,0 .F.	.۶.	.F.		114
*** Total *									2522690	1482676			0					

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